



# CHEMIST AND DRUGGIST RETAILER - WHOLESALER - MANUFACTURER

MAY 29, 1948

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NATIONALLY ADVERTISED LINES

By MAW OF BARNET



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designed by THE DESIGN GROUP, LTD.



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### **Pharmacists and Thermometers**

Chemists do not need to be told that the weather has a great effect on their business. Nearly all the packed medicines they stock are very sensitive in their sales to weather conditions, while lines like Sunburn Lotions in their very essence demand the existence of Sunshine.

But, as a matter of something more than academic interest, it is worth studying this chart. It shows the actual, weekly, over-the-counter sales of Simpson's Foot Ointment in a wide selection of shops in a variety of towns compared with the average mean temperature in those towns.

The investigation was carried out by Simpson's Research Division as part of its normal routine. This Division is concerned not only with a constant search for possible improvements in Simpson products but also with a study of all the commercial aspects of heir sale.

Nevertheless many of the morals applicable to Simpson's Foot Ointment

in particular must apply equally to other Summer lines.

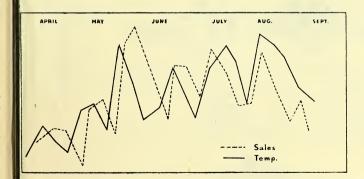
Quite remarkable, isn't it, how the graphs follow each other! Each rise in temperature produces an immediate rise in sales! Each cool spell produces a fall.

One thing is obvious, however. The fall in sales is seldom as marked as the drop in temperature. That, presumably, is because once foot sufferers commence to use Simpson's, the relief they secure makes them continue to use it.

The moral would seem to be that it is worth while prominently displaying such a line at the very start of a hot spell.

Another lesson emerges from the chart. A line like Simpson's does equally well if the fine hot weather is broken by short spells of lower temperatures as it does during a long unbroken period of hot weather.

Again the moral would seem to be that such lines should be kept on show all through the season.



The two graph lines do not represent actual comparative figures but show trends only.

Announcement by: -J. W. SIMPSON (CHEMISTS), LTD., 42 43 MUSEUM ST., W.C.I

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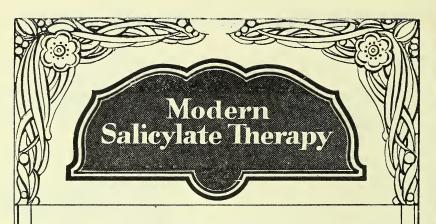
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THE popularity of acetylsalicylic acid is undoubtedly due to the fact that it is one of the most effective non-narcotic analgesics available. Often, however, its use has been discarded by the physician on account of the possibility of its irritating the gastro-intestinal tract.

'Alasil' provides the beneficial therapeutic effects of acetylsalicylic acid in such a form that it is acceptable even by disordered digestions. This tolerability is due to the fact that it combines acetylsalicylic acid with Dibasic Calcium Phosphate and 'Alocol,' an effective gastric sedative and antacid.

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Nurona prevents or relieves painful sunburn and assists rapid tanning.

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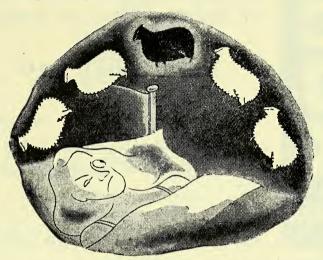


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Ref.	No.			Includi	ng Purchase	To
436	Face Powder, large size				4/2	
438	Face Powder, popular size		•••		2/11	
107	Rouge				2/II	
420	Lipstick				4/2	
4420	Lipstick Refill				2/6	
153	Foundation Cream, jar				4/2	
160	Foundation Cream, tube/jo	ar			2/11	
154	Cleansing Cream, jar		• • • •	•••	4/2	
239	Cleansing Cream, tube	• • •			2/11	
266	Talcum Powder	•••			2/11	
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"SHELL" Series SUNBURN LOTION

A liquid cream of exceptional soothing property, delightfully perfumed-

A customer writes -"Definitely the finest lotion on the market."



"MAGIC" SUNBURN LOTION



A wonderful PREVENTIVE against sunburn.

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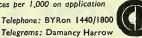
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May 29, 1948

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The 'PEN' DISPLAY BOX contains 1 doz.

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**9**/= per dozen plus 3/per doz. Purchase Tax

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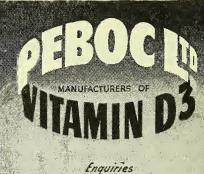




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SALES OFFICE, 629. TOWER BUILDING, WATER STREET, LIVERPOOL: 3.

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PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Head Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Wavehouse Grosvenor St. Ashton and lyne Telephone 2816 (2 lines)



#### FLAT AND ROUND BOTTOM GLASS TUBES

FOR HOME AND EXPORT TRADE

Due to the recent installation of additional machinery in our factories, we are pleased to announce that we can now offer quick deliveries of all sizes at competitive prices.

SPECIAL PRICES QUOTED FOR CONTRACT ORDERS

Your enquiries will have our prompt attention.

S. MURRAY & CO. LTD.

Actual Manufacturers

45 ST. PANCRAS WAY, N.W.1

Telephones: Euston 1757 & 5514 Telegrams: Depressors Norwest London

### The Quality Unchanged — but

## SILC T Prices Reduced

Silcot Sanitary Towels of all sizes have now been reduced in price. The new wholesale and retail prices are:

	Trade doz. pkts.	Retail per pkt.
Size 0 Junior	15/9	1/9
Size 1 Standard	18/-	2/-
Size 2 Large	22/€	2/6
Size 3 Ex. Large	27/9	3/1
Size 4 Maternity	30/-	3/4
Vensilla (Soluble)	14/6	$1/7\frac{1}{2}$

Terms: Nett monthly.

There is no change in the quality of Silcot Towels, which are noted for their softness and their safety.

Women can rely on THE SAME COMFORT THE SAME PROTECTION

—at less cost

MACDONALD & SON LTD., DAWSON STREET, SALFORD, MANCHESTER, 3

# What's new about RONDATED

## Halex?



A NEW PROCESS: The nylon strands are smoothly trimmed at the tips to search without scratching. A NEW RANGE: three new shapes, one especially for children. A NEW HANDLE: streamlined and easier to grip. A NEW PACK: a slimmer and improved version of the hygienic bubble pack. A NEW DISPLAY: a worthy setting for a brush that means business! Ask for details of the special display allowance.

#### 'Rondated' HALEX toothbrushes

Gentler for gums - better for teeth

"Rondated" is a registered trade name of HALEX LIMITED · HALE END · LONDON · E.4



The reliability of Morgan's Pomade, established over 70 years ago, brings steady business. Generous trade terms make it, and

Marie Antoinette Egg Julep Shampoo Powder, worth while to stock.

Full list, wholesale prices and terms on application to: Morgan's Pomade Co. Ltd., 1-7 Grenville Road, LONDON, N.19



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May 29, 1948

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## **BUTLER & CRISPE**

(ESTABLISHED 1777)

Proprietary Medicines. Chemists' Sundries. Miscellaneous Wholesale & Export. Articles.

IN STOCK :--

### A FULL RANGE OF PRESCRIPTIVE **PHARMACEUTICALS**

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For Prompt Delivery Send Your Orders to:-

80/84, Clerkenwell Road, LONDON,

Telephone: CLErkenwell 3060 (15 lines)

Telegrams: "Alluwant" Smith, London

#### CONTENTA' GRIPE MIXTURE for BABIES

"The label sells it"

BLACKWELL HAYES & CO. LTD., Wholesale Druggists 54-58 MOOR STREET, BIRMINGHAM, 4

DRUGS, GALENICALS, PROPRIETARIES Makers of 'Vitasac'

R. SUMNER & CO. LTD.

HANOVER STREET

# The VITAMIN

JEFFREYS, MILLER & CO. Ltd. Leyland Mills, WIGAN, London Dept.: 19 Brookside Rd. N

Sole Manufacturers

With Vitamins

. 6,500 I.U., D. 400 I.U.)

#### Stoniers<sup>5</sup>

- ★ SOFT SOAP SUBSTITUTE
- \* LIOUID SOAP SUBSTITUTE
- SOAP **★** TABLET SUBSTITUTE
- S. STONIER LTD., Congleton, Ches.

## Compressed

WHOLESALE & EXPORT

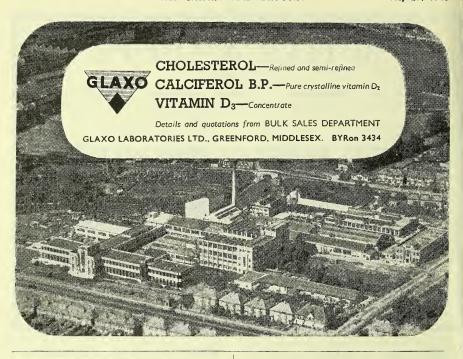
Reasonable estimates. Clients' own material operated if desired.

The ...

DALES ASPIRIN AND TABLETING CO. Barrows Lane, STEETON, Yorks.

May 19, 1949

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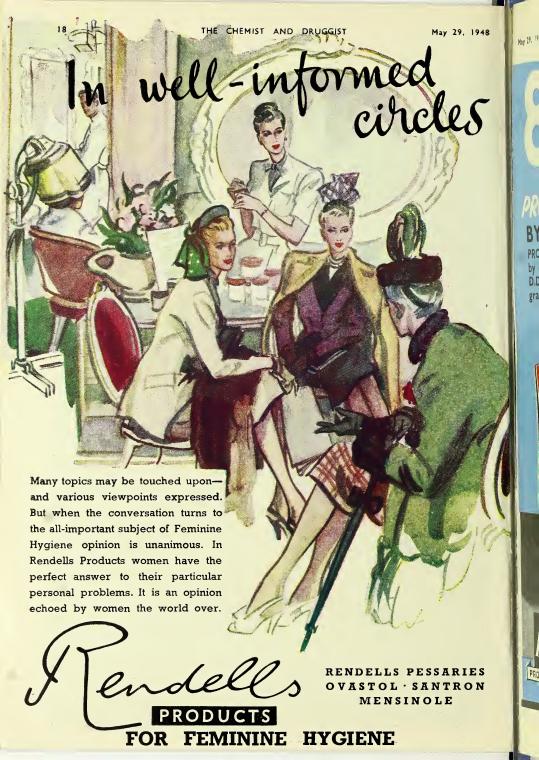
Complete Catalogue of Perfumery and Toilet Preparations sent on request All products obtainable from your usual wholesaler or direct from

#### S. SIGAL & CO. LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS
47 TABERNACLE STREET, LONDON, E.C.2









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## BY INCORPORATING D.D.T./GEIGY

PROMOL MOTH RINGS JUNIOR SIZE are now doubly efficient by compounding Naphthalene with Paradichlorbenzenum and D.D.T./Geigy. The first two, powerful moth repellents, evaporate gradually, leaving the deadly D.D.T. as find powder which kills

insects by contact, thus giving an extra protection. Tell your customers this for SURE SALES.

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21/22 Turle Road, London, N.4. Tel: ARChway 2771

PROMEDICO PRODUCTS LIMITED, LONDON, N. 4



Ortho-Gynol

Reliability of contraceptive action . . . freedom from irritation . . . and fine asthetic qualities have made Ortho-Gynol a universally prescribed contraceptive preparation.

Are you able to meet your physicians' prescriptions and recommendations from stock?

Ortho-Gynol is again in good supply through your wholesaler

(in 3¼ oz. tubes with or without the Ortho measured-dose applicator).

With its new companion product Ortho-Creme, Ortho-Gynol is . . . .

- Ethically promoted by constant direct medical representation.
- \* Continually before physicians by direct mail,
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- \* Prescribed by gynæcologists, physicians, hospitals and clinics.
- \*\* Restricted to pharmacists.

ORTHO

Makers



PHARMACEUTICAL LIMITED HIGH WYCOMBE - BUCKS

of Gynaecic Pharmaceuticals

May 29, 1948

ISY BLETS lese effecti

packed in Cartons of P.A.T A. Pr Retailers 9 (Other sizes

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# DAISY COK

#### THE NEW PACKAGING

Units of five Daisy Powders in heat-sealed sleeve of viscose film. Air tight, dampproof, and dust-proof. Easily opened for 'Split Bulk' sales. (Retail value 1/-)



#### DAISY TABLETS

These effective and well-known Tablets are packed in attractive Display Cartons of one dozen each.

P.A.T A. Protected Price to Retailers 9/6 per doz. plus tax. (Other sizes retail at 3/- and 4d.)



#### The DAISY DISPLAY CARD

Gives maximum display, yet is in keeping with the exigencies of the modern Pharmacy. Contains 8 x 1/- packets (40 Daisy Powders).

P.A.T.A. Protected Price to

P.A.T.A. Protected Price to Retailers, 4/6 per card (54/per dozen) plus tax.



## DAISY POWDERS '30' CARTON

Miniature display Cartons 1½ x 3 inches in size—each contains six x 1/- Packets (i.e., 30 Daisy Powders).

P.A.T.A. Protected Price to Retailers, 3/4½ each (40/6 per dozen) plus Tax.

● NEW SALES FOR YOU

TIN DAISY'S "NEW LOOK"



## J. E. ELLIS Ltd

Manufacturing Chemists

HORSFORTH · LEEDS

Telephone: HORSFORTH 2881 Telegrams: 'CHEMEX, LEEDS'

# DAISY Powders

May 29, 1948

IMPORTANT

GROUND by a special

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of processing.

VISCOSITY established

under expert supervision.

TESTED at every stage

GRADED to a series of predetermined standards.

PACKED in airtight tins.

Red

Carnation

ANNOUNCEMENT

# To all users of

YOUR INDIVIDUAL REQUIREMENTS ARE PROVIDED FOR BY RED CARNATION BRAND POWDERED GUM TRAGACANTH, WHICH IS NOW AVAILABLE IN FOUR STANDARDISED GRADES, OF CERTIFIED QUALITY AND CHARACTERISTICS.

> TUM TRAGACANTH is an essential ingredient I in many industrial and pharmaceutical formulæ. Being a natural product, with natural imperfections and variations, its commercial applications have, in the past, been attended by problems arising whenever the characteristics of an ingredient

are not stable. Now-these problems have been solved by the marketing of RED CARNATION Brand Gum Tragacanth. Whenever you order RED CARNATION Brand Gum Tragacanth, and whatever Grade you order, you know what you will be receiving-Gum Tragacanth in a stabilised form as regards viscosity, colour and fineness of powder. In addition, you are certain that the Gum Tragacanth you receive is fresh, as the large turnover of RED CARNATION Brand obviates the risk of the Gum in stock deteriorating through long storage.

> GRADES BXXX BXX BX BA

> > If you have any queries regarding RED CARNA-TION Brand Gum Tragacanth-e.g. which Grade is most suitable to your requirements-our Research Department will be pleased to advise you.

The literature dealing with Guma Tragacanth is not readily accessible to the average commercial user. On request, you can obtain a free, 12 pp. llustrated booklet, telling The Story of Tragacanth.

## RED CARNAT Powdered Gum Tragacanth

KIMPTON BROS. LTD.

Established 1882

Dept. C.D.1-110 Fenchurch St., London, E.C.3 Telephone: ROYal 5544 (4 lines)

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## Just out

#### NEW COSMETIC CREATES BIF SENSATION!

## SOPP MANICURE CREAM

TRIPLE ACTION

- REMOVES VARNISH
- SOFTENS CUTICLES
- NOURISHES NAILS

"S'OFF"—a smooth peach tinted manicure cream, delicately perfumed, removes nail varnish, counteracts dryness and splitting, restoring weak and brittle nails. "S'OFF" leaves the nails clean supple and the cuticle soft



Fillip to sagging sales-recommended by leading beauty editors

NOW is the time to add a fillip to sagging sales, by stocking a certain seller. Every woman using nail varnish is a buyer. "S'OFF" is the ONLY CREAM NAIL VARNISH REMOVER available and the only alternative to the drastic drying effect of ordinary liquid removers. "S'OFF" is restricted by quota—so book your order at once—don't be left without supplies. "S'OFF" has attracted the Press and is being recommended by all leading beauty editors—sales made easy! Public at B.I.F. anxious to purchase this new product. A popular quick-selling repeat line retailing at 2/9 including tax.

## A little SOFF and it's OFF!

● NON-LIQUID ● WILL NOT EVAPORATE ® CANNOT SPILL ●

· Distributed by

NEWBERY & PHILLIPS Ltd

MANUFACTURED BY C. DRAFER & CO. LID., Twyford, Berks.

## In pursuit of protein

So accustomed have we become to thinking of Bemax mainly as a rich natural source of the vitamin B complex that its high protein content is not always fully appreciated.

Compare, for example, the protein content of bacon and Bemax. The 2-oz. bacon ration should provide, in a week, about 6.2 grammes of firstclass protein. One daily tablespoonful of Bemax will provide, in the same period, more than 30 grammes of first-class protein.

A comparison of calories shows about 255 for bacon and about 350 for Bemax.

So the nutritional value of Bemax comprises even more than its wellknown vitamin content and for those who are able to supplement their diet with Bemax no lowering of the protein intake need occur.

## **BCINAX** stabilised cereal embryo



are available in cartons containing 60 or 120 tablets retailing at 1/6d. and 2/6d. respectively.



itamins Limited

Upper Mall, London W.6

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**PATENTS** 

DRESSINGS

DANGEROUS DRUGS

PILLS & TABLETS

**DRUGS & GALENICALS** 

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SMITH & HILL

(Chemists Ltd.)

SIDNEY ST., SHEFFIELD, I

Phone: 24321



GEORGE JACKSON & SONS Ltd., BREWERY ST., HARPURHEY - MANCHESTER, 9 **4444444**4444444444444444444444444

## d-TUBOCURARINE CHLORIDE

THE PURE CRYSTALLINE CURARE ALKALOID FOR SECURING MUSCULAR RELAXATION

Each batch is chemically assayed and biologically tested

## COLCHICINE

THE PURE ALKALOID OBTAINED FROM COLCHICUM AUTUMNALE FOR USE IN TREATMENT OF GOUT, ASTHMA, CEREBRAL CONGESTION AND URÆMIA

Complies with the requirements of the U.S. Pharmacopæia

## DULCIN

SYNTHETIC SWEETENING AGENT USED FOR CANNED FRUIT AND MINERAL WATERS

Complies with the requirements of the Ministry of Food
Spec fication,

Manufactured by

## PAL CHEMICALS LIMITED

PALORIT HOUSE, 11 HARROW ROAD, LONDON, W.2

PADdington 8261

May 29.

# PENICILLIN PREPARATIONS

Official, Non-Official and National War Formulary.

Manufactured under T.S.A. Licence No. 174

OINTMENTS - - - - CREAMS

CREAM BASE - - LOZENGES

- OCCULENTUM

Penicillin with Sterilised Sulphathiazole, etc. Aqueous and Oily injections supplied within a radius of 25 miles. Full particulars on request.

Also manufacturers of Surgical Ligatures and Sutures under T.S.A. Licence No. 40.

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ABLETS & PILLS

to Standard and special formulas—Supplied in BULK or PACKED. Special prescriptions prepared in any quantity. Analytical control, combined with 150 years' experience in manufacture.

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LILLIE HOUSE LONDON ROAD TEL. 58065
ESTABLISHED 1793

#### PROMPT DELIVERIES

Sentinel"

"with the soft seamless knitted covering"

A new cotton wool plant and knitting machines are now in operation at our factory, so that we can deliver your orders promptly.

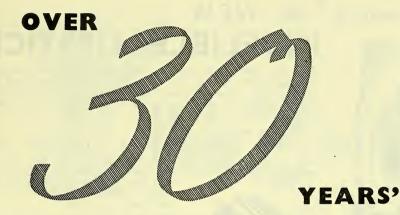
STANDARD AND MATERNITY

'KUMFEX' SOLUBLE

(all with loop ends)

SPLENDOR SANITARY BELTS

SPLENDOR LTD. Nottingham & London



# SUCCESS IN THE RELIEF OF INDIGESTION

Two generations have found 'Bisurated' Magnesia a speedy and effective remedy for many forms of indigestion. Whenever a non-laxative antacid is indicated, you can recommend 'Bisurated' Magnesia with confidence.

'Bisurated' Magnesia is available in powder and tablet form: the powder, plain or mint-flavoured, is usually recommended for use at night. Both forms retail at 1/9 and 3/7, including purchase tax. Trade price 12/9 per dozen small size, 26/- per dozen large size, excluding purchase tax. 'Bisurated' Magnesia can be included with other I.C.C. lines to qualify for Co-operation Discounts of  $12\frac{1}{2}\%$  on orders of £10 and over, 10% on orders of £5 and over.

An attractive showcard is available for counter display and will be sent on application.

## BISURATED Magnesia

INTERNATIONAL CHEMICAL CO. LTD.
CHENIES STREET, LONDON, W.C.I.

## Presenting the NEW

## INDELIBLE LIPSTICK

This new lipstick was shown at the 1948 B.I.F. and was most enthusiastically received by buyers. It has been produced as a result of long research by our chemists and it is with confidence and pride that we now offer a truly indelible lipstick which really stays on. In five natural shades.

Here is the evidence:

CERTIFIED RESULTS OF A CONSUMER TEST

96% said it stayed on longer than any other lipstick they had ever used. 47% said they liked the "feel" and easy application. 24% said they liked the colour and/or the

said they liked the colour and/or the natural effect it imparts. 18% said they liked the texture.

Write for details of our full range of cosmetics:

Tenners CSMETICS

ALFORD - LINCOLNSHIRE

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Genners

The new DENSHEEN TOOTH WHITENING PENCIL

Just your "handwriting"!

- Removes Stains immediately
- Does not injure the Enamel
- Highly effective in use
- Attractive Packs & Show Material
- A companion line to any Toothbrush or Dentifrice sale

DENCIL MANUFACTURING CO. LTD.
21 CAMBRIDGE STREET, LIVERPOOL,



#### IMPORTANT ANNOUNCEMENT

Following the successful visual demonstration to the trade of the remarkable result effected by *one* application of SOTHIS, the biological beauty culture preparation for the removal of wrinkles and revivification of the skin, enquiries are coming in continuously.

ONE OR TWO AREAS STILL AVAILABLE FOR EXCLUSIVE STOCKISTS

LA COMPAGNIE DES COSMETIQUES GRAND SIECLE LTD
Office & Works: 234 KILBURN LANE, LONDON, W.10
Telephone: LADbroke 1130

Laboratories: VINEUIL pres CHANTILLY, FRANCE

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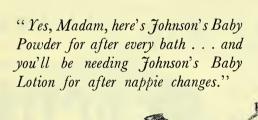
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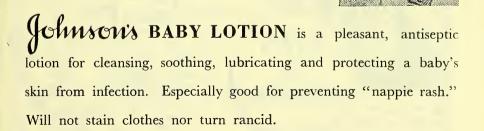


WHERE YOU ONLY MADE



BEFORE





JOHNSON & JOHNSON (GT. BRITAIN) LTD., SLOUGH & GARGRAVE

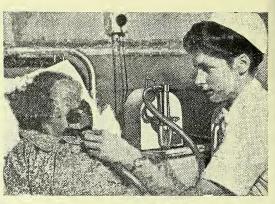
May 29,

## INHALATION THERAPY

by the 'AEROLYSER'

Inhalation therapy, particularly with Penicillin, is becoming an established practice with doctors

and hospitals for infections of the upper respiratory tract. The M.A.3 Aerolyser, which produces a fine aerosol, is most suitable for administering drugs by inhalation. The Aerolyser is completely self-contained, needs



no oxygen cylinders or tent, and works off any electric point. It is easily portable, and so simple that patients can work it themselves. Price £27.2s.6d. including face mask. Please write for full details.

#### AEROSOLS LIMITED

65 OLD BROMPTON RD., LONDON, S.W.7. TELEPHONE: KENSINGTON 7495





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# LIPSTICK Guitare

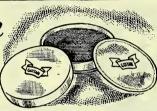
SUPER INDELIBLE
—does NOT come off!

in 8 transparent shades which are smearless and smudgeless and remain fast to eating, drinking, etc., for at least 8 hours.

## ROUGE Guitare

IN EIGHT SHADES TO MATCH

the lipstick. Of perfect tone and texture. Rouge Guitare is sought after by all smart women for enhancing natural beauty.





## FOUNDATION

Does not dry the skin. A delightful skin conditioning creamy foundation. In 8 shades. It contains Lanolin and cannot dry the skin.



Lengthens and strengthens the lashes. Contains no caustic or other harmful ingredient. Does not smart. Does not run. In four shades and colourless. Tube or cake. A big favourite with modern women.





High Class French Perfume PARFUMS CHOPIN

Mazurka, Berceuse, Scherzo. exquisite perfumes from Paris to intrigue and delight all smart fashionable women.

SALE, TILNEY & CO., LTD., 3, Lloyds Avenue, London, E.C.3

May 29, 1948

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## Banishes Scurt & Dandruff



New attractive DISPLAY STANDS supplied!





PLUS TAX - ONE THIRD

RUBBER CUSHIONED BRUSHES

## REVISED PRICES

Following the reduction in Purchase Tax in the recent Budget we announce that from 1st June retail prices of "Hygex" Rubber Cushion Hair Brushes as advertised in weekly periodicals, in the press and in trade journals will be...



HENDERSON BROS. & CO. LTD

Burwell Road, London, E.10. Telephone: Leytonstone 5202/3



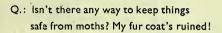
★ YOU ARE SUPPORTED BY EXTENSIVE ★

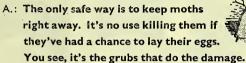
Send for Shade Card and details of Trade terms.

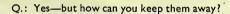
J. DUNHILL MANUFACTURING CO.

17 WOODSTOCK STREET, LONDON, W.I TELEPHONE I MAYFAIR 1603

# **MOTH MENACE MASTERED!**







- A.: Try these—Mothaks. No moth will come anywhere near a Mothak. Smell... pleasant, isn't it? But it contains the most powerful moth-repellent known—PARADICHLORBENZENE.
- Q.: Ah! That must be the stuff I remember hearing about ...
- A.: Well, in Mothaks you get it in its most convenient and effective form.
- Q.: I must have some. How much are they?
- A .: 8 for 8d.

and SO another Mothak customer was made—another source of repeat and 'recommendation' sales!

Put Mothaks where your customers can see them. It pays! Tie up with Mothak advertising—feature the bright salesmaking Mothak display material. Every bag shows you a good profit—every bag brings repeat sales. For supplies and display material, write to Thompson & Capper Wholesale Limited, Speke Hall Road, Liverpool, 19.









Sole distributors for United Kingdom
Stanwhite Ltd., Parkhouse Wks., London, S.E.5. Red 4416



## Heading for Speedier Sales!

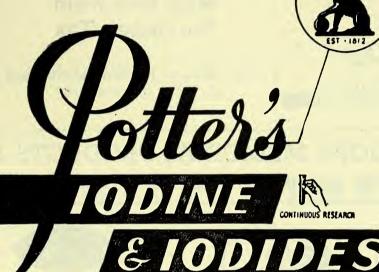
News! Increased advertising is spreading the story of BIOCRIN—the proved Shampoo-Reconditioner. Through more magazines more women are learning about this health-and-beauty treatment.

A Large Profit Margin and Regular Clientele For You!

Retail Sizes 18/6 and 30/- per dozen (plus 331 % tax) retailing at 3/- and 5/- each

Biocin pomade shampuo

A product of Vine's Biocrin Ltd., London, W.2.



Progress, and with it experience, is necessary to give confidence to customers during these days.

We have made that progress, and gained with it that experience which enables us to give the best possible service to all in the trade.

# POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, LONDON, E.I BIShopsgate 4761

77 DANTZIC STREET, MANCHESTER
BLAckfriars 8734



Hay 29, 1948

# Important Announcement!

# BROVON Asthma INHALANT

# Now free from Purchase Tax

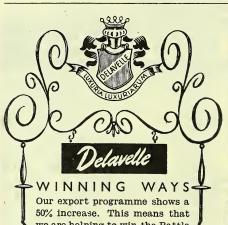
#### NEW RETAIL PRICES

½ oz. 7/6 l oz. 13/6 2 oz. 26/3 4 oz. 51/0 Trade discount remains unchanged at 33\frac{1}{3}\% to retailers



# MOORE MEDICINAL PRODUCTS LTD

ABERDEEN London Depot: 64 Gloucester Place, W.I.—WELbeck 5718-9 LONDON



P.A.T.A.

Our export programme shows a 50% increase. This means that we are helping to win the Battle of the Gap. As a result, our production for the home market can be correspondingly increased: more for export, more for you!

DELAVELLE OF LONDON

Delavelle House 38/46 Orsman Road, London, N.I



OWN MANUFACTURE

"CYCLOCHEM"

Trademark

LANETTE WAX SX.
GLYCERINE MONOSTEARATE

etc., etc.

Ask for our 24-page Handbook
"Cyclochem Self-Emulsifying Waxes"

LAURYL ALCOHOL SULPHONATES
Powder, Paste, Liquid.

EM. 444

for Shampoo Cream Paste

CYCLO CHEMICALS LTD.

Wax Refiners and Chemical Manufacturers
MANFIELD HOUSE, STRAND, LONDON, W.C.2

29, 1941

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# NOW AVAILABLE

(IN LIMITED QUANTITIES)

the new treatment for Asthma

# NEO-EPININE'

ISOPROPYL - nor ADRENALINE

Compressed products, each containing 20 mgm.

For sublingual administration.

Bottles of 25 — 3s. 6d. (exempt from purchase tax.)

A Spray Solution will shortly be available.



BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

(T.47a)





ESTABLISHED 1794

# "E'S'T'P"

Ether-Soluble Tar Paste

### The improved tar preparation

Purified, decolorised, aromatic nonstaining; maximum tar effect. A smooth paste, easily applied. The tar component retains the essential phenolic compounds unimpaired ensuring powerful antiseptic action. All indications for Tar Treatment are indications for "E.S.T.P" (Martindale), more especially infantile eczema; eczemata generally, subacute, acute, chronic, moist and dry, with their multiform lesions; impetigo complicating occupational eczemata; prurigo; pruritus; psoriasis; pityriasis circinata; lichen planus.

# "MORYL"

Carbachol
Powerful parasympathetic stimulant.

### "TETRONOX"

Tablets BRANG

Reliable, hypnotic and sedative.

# "STERULES"

Wide range of products for injection.

# "OUINOLOR"

Compound Ointment
Tissue-repair promoting Antiseptic.

# "Dr. JENNER'S ABSORBENT LOZENGES"

Digestive Tablets
Famous for 150 years for indigestion.

### "MEDILAX"

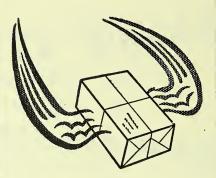
Laxative Pellets
Something more persuasive.

Full details on request to :---

Savory & Moore, Ltd.

Chemists to The King

Lawrence Road, Tottenham, N.15 or Wm. Martindale, 50, Wigmore St., W.1



OXOID laboratory preparations are despatched with unfailing promptness, and reach you with gratifying speed

This is a service you can rely on; every order is an emergency order.

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# CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER
MAY 29, 1948

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# **NEWS OF THE WEEK**

Sweets Ration Change.—The ration of chocolate and sweets has reverted for ration period No. 12 (which began on May 23) to 12 oz. The four D.12 coupons are worth one point each and the four E.12 coupons two points each.

D.D. Authorities Withdrawn. — The Home Secretary has withdrawn from Margaret Phillipa Posthuma, M.B., Ch.B., The Old House, Horsley Green, Stokenchurch, nr. High Wycombe, Bucks, the authorities granted to her under the Dangerous Drugs Regulations.

Eligibility for N.H.S.—The Ministry of Health, in a recent statement, emphasises that every man, woman and child in Great Britain, whether within the National Insurance scheme or outside it, is eligible for all the benefits of the National Health Service.

Ucal Long Service Awards. — Thirtythree employees of the United Chemists' Association, Ltd., who had each completed twenty-five years' or more service with the company, were guests of the directors at a dinner given in Cheltenham recently (see illustration, p. 697). Mr. C. K. Gregory (chairman and managing director) made presentations to each of the thirty-three, and Mr. G. W. Evans (a former vice-chairman of the company) presented personal gifts to those with thirty-five years' service or more.

"Open" Days at Laboratory. - The Chemical research laboratory of the Department of Scientific and Industrial Research, Teddington, Middlesex, is holding a series of "open" days in July. As in 1947, representatives of industry, universities and technical colleges will be invited to inspect the laboratory and to view the work in progress. There will be three sessions: afternoon, July 1; morning and afternoon, July 2. In view of the interest expressed. it has been decided to issue invitations to industry on an increased scale. The director (Dr. R. P. Linstead, C.B.E., F.R.S.) will be glad to receive applications from industrial firms wishing to send representatives. Particular attention is paid to new techniques of general usefulness.

May 29, 1948

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Purchase Tax on Proprietaries.—The secretary of the Pharmaceutical Society (Mr. H. N. Linstead) has sent to the "Daily Mail" a reply to an editorial article, published on May 19, which called for the abolition of purchase tax on medicines. The editorial claimed that one of the effects of the Finance Bill, 1948, would be to tempt the public to buy tax-free medicines "formed of substances included in the British Pharmaceutical Codex" which would "lack the guarantee of that consistently high standard which is the hall-mark of the branded article." In his reply Mr. Linstead stated that, while there were good proprietary medicines, their standards were controlled only by the makers; the Codex standards were controlled by the Food and Drug authorities.

Unichem Association. — The annual meeting of the Unichem Association was held in London on May 19 and 20. Mr. D. A. Rees (chairman), who presided, said that membership had increased from 487 Mr. E. Skues (managing director, Unichem, Ltd.) said planned extension was necessary so that the Association would include representative privately owned pharmacies at key points in every area. Under the National Health Service dispensing should eventually become the main part of the chemists' business, and the Unichem organisation would make a feature of supplying everything required at the dispensing counter. Events organised in conjunction with the meeting included an address by Messrs. C. Bannister and T. Mann (Perihel, Ltd.) on the uses and sale by pharmacists of ray therapy apparatus, and films illustrating Sulphathalidine in the treatment of ulcerative colitis, and the preparation of human blood plasma. An address was given by Mr. F. Lewis Watson (organising secretary).

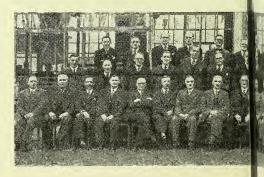
LONG SERVICE AWARDS AND CELEBRATION.—Seventy-seven members of the staff of May & Baker, Ltd., Dagenham, Essex, each of them with twenty-five or more years' service with the company, received commemorative gold watches recently. All started their service at the Battersea and Wandsworth factories from which the company removed to Dagenham in 1934. The presentation was preceded by an address from the managing director, Dr. T. B. Maxwell, and guests took tea with the directors. Among the recipients were Mr. G. Wingate (fifty years' service); two directors: Dr. A. J. Ewins, F.R.S. (thirty years' service), co-discoverer of M. & B. 693, and Mr. R. W. E. Stickings (28 years' service); and Mr. John Anderson, area manager, Manchester (36 years). See also p. 697.

### SCOTTISH NEWS

Glasgow Pharmaceutical Committee.—At a recent meeting of the Glasgow Pharmaceutical Committee, the following were appointed to represent the Committee on the Pharmaceutical General Council (Scotland):—Messrs. G. Adam, A. S. G. Bannerman, J. Baxter, A. MacSween, A. Murray, G. M. C. Stewart and J. M. Williamson.

Branch Division? — Speaking to the Pharmaceutical Society's Dundee and East and Central Scottish Branch on May 13, Mr. T. Neilson, Perth, suggested that the branch should be divided to cater for members in outlying districts who could not easily attend meetings in Dundee. Mr. C. W. Macfarlane said the matter was to be discussed at the North British Branch Representatives' meeting to be held in Edinburgh in June. The resolutions to be put before the Branch Representatives' meeting in London on May 20 were also discussed. Mr. G. Mitchell, Perth, presided.

Scottish Chemical Industry.—A report published by the Scottish Council (Development and Industry), giving the findings of a committee on the chemical industry of Scotland, states that the production of pharmaceutical and fine chemicals is fairly well represented in Scotland, especially in Edinburgh. Nineteenth - century differences in English and Scottish rates of duty on alcohol favoured the production of ether and chloroform north of the border, while the distinguished teachers, Gregory and Simpson, of the University of Edinburgh Medical School, brought to the City the manufacture of morphine and other alkaloids, and of chloroform. The difficulties today are shortage of skilled labour and specialised plant, but new developments are taking place.



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### IRISH NEWS

Payments to N.I. Chemists.—When he introduced the estimates for his department in the Northern Ireland Parliament on May 20, Mr. William Grant (Minister of Health and Local Government) said he estimated that the payments to chemists under the new health service from July 5, 1948, to March 31, 1949, would be £320,000. The estimate was based on experience of National Health Insurance, with allowances for the wider service to be given and the possibility of continued increases in the cost of drugs.

Golf Cup Competition. — The Ulster Chemists' Golfing Society held its annual competition for the R. G. Groves Memorial cup at Knock on May 5. The winner was Mr. J. C. Watt, Bangor, playing off 11. He defeated Mr. W. Powell (18), Bangor, in the final. Mr. T. S. Purce was the winner of another section. The bogey competition was won by Mr. G. Smyth, Belvoir Park (14), with Mr. F. C. Balmer, Bangor (9), runner-up. At a meeting of the Society afterwards the captain (Mr. W. McCutcheon) was in the chair and Mr. W. B. Groves presented the trophies.

Chemists' Golf in Dublin.—The Irish Chemists' Golfing Society held a successful competition at the Hermitage Golf Club, co. Dublin, on May 5, for trophies presented by May Roberts (Ireland), Ltd., Scott & Turner, Ltd., and Northam Warren (I.F.S.), Ltd. An eighteen-holes strokes competition was won by Mr. S. J. Savage (10) with 73; Mr. J. Draffin (9) with 73 was runner-up. In an eighteen-holes bogey contest the winner was Mr. M. Costello (11) 3 down, and the runner-up, Mr. J. P. Holland (20), 4 down. Mr. Phil McAuliffe presided over a supper held later and presented the prizes.

### **OVERSEAS NEWS**

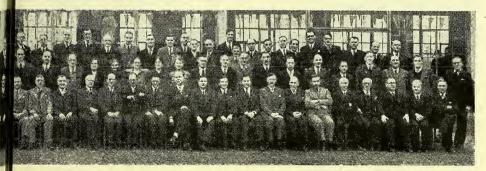
Tropical Medicine Congress. — The fourth international congress on Tropical Medicine and Malaria was held in Washington, D.C., U.S.A., recently.

Substitute for Radium. — Mr. D. E. Lilienthal (chairman of the U.S. Atomic Energy Commission) announced in Washington, U.S.A., recently, that radio-active cobalt could be used as a comparatively cheap and plentiful substitute for radium. It would be safer to handle than radium.

Mercury Industry Closes.—Owing to a fall in the prices of mercury imported into the United States (see p. 712), a principal Californian quicksilver mine concern is to close down. According to one spokesman of the industry all American mercury mines may be forced out of business within the next six months.

Insulin from Shark Pancreas. — Workers at the University of Cape Town have found that the pancreas of sharks provides a high yield of insulin (1,300 sharks produce as much as is obtained from 4,000-5,000 cattle). Insulin production from shark pancreas is considered commercially practicable.

Australian Health Service. — The Australian Minister of Health announced May 2 that the Commonwealth Government's pharmaceutical benefits scheme is to operate from June 1. Doctors are to be provided with a formulary from which they may prescribe, and the prescription becomes the authority for the payment of the chemist or friendly society dispensing it, who will then collect the cost from the Government. All residents in Australia will be entitled to free medicines, with freedom of choice between chemists and friendly societies. A committee is to keep the formulary revised.



# ASSOCIATION AND BRANCH OFFICERS

Blackpool Branch.—At the annual meeting of the Blackpool Branch of the Pharmaceutical Society on May 10, the following officers were appointed:—President, Mr. F. J. Carter; Vice-president, Mr. J. L. Dawson Cook; Treasurer, Mr. P. Varley; Secretary, Mr. A. Greenwood; Assistant Secretary, Mr. J. W. Croker.

Wimbledon Association.—At the recent annual meeting of Wimbledon Pharmacists' Association the following officers were elected: President and Chairman, Mr. T. James (re-elected); Treasurer, Mr. H. S. Fenton; Secretary, Mr. H. J. Newitt, 22 Woodlands Avenue, Worcester Park, Surrey; National Pharmaceutical Union Branch Secretary, Mr. J. F. Thomas, 66 Central Road, Worcester Park, Surrey.

Women Pharmacists' Association.—The following have been elected officers of the National Association of Women Pharmacists for 1948-49: President, Miss D. M. Jones; Vice-president, Miss E. F. Hayward; Treasurer, Miss D. Morgan; Registrar, Miss V. W. Burrell; Employment Secretary, Miss E. M. E. Brighten; Secretary, Miss Menna Lloyd, 24 Ascott Avenue, Ealing, London, W.5.

South-west London Association.—The following officers of the South-west London Chemists' Association have been appointed for 1948-49:—President (and Chairman of Pharmaceutical Society and National Pharmaceutical Union Branches), Mrs. K. Collins; Vice-presidents, Messrs. J. U. Warburton and R. E. Simnett; Secretary, Mr. H. R. Edgecombe, 77 Atlantic Road, London, S.W.9; Assistant Secretary, Mr. J. U. Warburton, 1 Harleyford Road, London, S.E.11; Treasurer, Mr. F. S. Copley; Social Secretary, Mr. C. Murgatroyd; Sports Secretary, Mr. A. Taylor; Trade Secretary, Mr. R. E. Simnett.

Southport Branches. — The following officers of the Southport Branch of the National Pharmaceutical Union have recently been elected: President, Mr. Charles Hare; Secretary, Mr. T. R. Newton, 108 Shakespeare Street, Southport; Treasurer, Mr. D. J. Kendrew; Auditors, Messrs. L. Dent and T. Johnson. The following officers of the Southport Branch of the Pharmaceutical Society have also been elected recently: President, Mr. Charles Hare; Treasurer, Mr. D. J. Kendrew; Secretary, Miss M. B. Askew, White House Farm, Blind Man's Lane, Scarisbrick, nr. Orms.

kirk; Assistant Secretary, Mr. H. Orr, 52 Nevill Street. Southport; Auditors, Messrs. L. Dent and T. Johnson.

Portsmouth Branch.—At the annual meeting of the Portsmouth Branch of the Pharmaceutical Society, held on May 4, Mr. R. G. Tremlett (social secretary) reported on a successful series of cricket matches with Bournemouth and Southampton chemists and with other clubs, and announced a new series of matches. Mr. H. N. Griffiths (secretary) reported that six general meetings and one social function had been held during the winter. The following officers were elected or reelected: Chairman, Mr. E. B. Johnson; Vice-chairman, Mr. P. G. Howes; Treasurer, Mr. A. Graham Tatford; Secretary, Mr. H. N. Griffiths, 51 Stakes Road, Purbrook, Hants.

Manchester Association.—The following officers have recently been elected: Manchester Pharmaceutical Association: President, Mr. E. Cronin; Vice-presidents, Messrs. H. Steinman and W. Gee; Treasurer, Mr. A. E. Thorpe; Social Secretary, Mr. T. Miller, 3 Wyngate Road, Hale, Cheshire. Manchester and Salford Branch, Pharmaceutical Society: Chairman, Professor H. Brindle; Vice-chairman, Mr. H. Steinman; Treasurer, Mr. A. E. Thorpe; Secretary, Mr. T. Miller. Manchester Pharmaceutical Association (Junior Branch): Chairman, Mr. C. Mellor; Vice-chairmen, Messrs. J. Dawson and C. Melville; Treasurer, Miss B. Morrison; Secretary, Miss I. F. A. Lewis; Assistant Secretary, Mr. S. Boulton.

North London Association.—The following officers of the North Metropolitan Branch of the Pharmaceutical Society and the North London Pharmaceutical Association were elected at the annual meeting recently: Chairman and President, Mr. L. G. Matthews; Vice-chairman, Mr. A. Aldington; Treasurer, Mr. A. W. Leaversuch; Secretary, Mr. A. E. Footitt, 5 Mountgrace Road, Potters Bar, Middlesex. At the meeting, which was preceded by a dinner, Mr. H. Noble (deputy secretary, National Pharmaceutical Union) gave a short address on pharmaceutical administration in the National Health Service, explaining the constitution of the Pharmaceutical Functional Council and the representation of pharmacists on pharmaceutical committees.

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# TOPICAL REFLECTIONS

### N.H.S. Negotiations

A great responsibility rests on the Conference convened for considering on June 3 the terms and conditions of service under the National Health Service The statement of the secretary of the National Pharmaceutical Union on pp. 662-63 will no doubt be studied with care before that date by all who intend to be present at the meeting. It would be inappropriate for me to attempt an analysis of a statement that is itself an analysis of an intricate system. Negotiations are, at the moment of writing, in what is called a fluid state. I can only record my impression that the secretary's statement is drawn up with notable clarity and thoroughness. Built on the foundation of the Roskill and the Working Party's reports, it evidently aims at correcting, so far as correction can be carried in a single stage, the deficiencies of the existing National Health Insurance Acts. Making no extravagant claim, it implicitly recognises a distinction between the ideal and the practical. Only a team intimately associated with the work of compiling and revising drug tariffs could have drawn up so complete a scheme for pricing prescriptions. And only a team conversant with the difficulties of arranging hours of service could have devised suitable terms for work by rota outside ordinary business hours. need hardly add that several considerations arise in studying the relations between the different parts of the suggested scheme. To balance those considerations against each other will be the task of the delegates summoned to meet on June 3; and it is much to be hoped that before that date concrete proposals will have been received from the Ministry of Health and will have been circulated.

#### Cosmetics and the Skin

The abstract and table (p. 677) dealing with the possibility of dermatitis being caused by cosmetics are a useful summary of the subject. As is well known, the diagnosis of skin ailments is not always easy: your readers may therefore be sometimes in doubt whether to give advice to customers and friends or whether to send them to a medical practitioner. With the approach of summer, the possibility of the sun being the chief or perhaps the only offender in cases of dermatitis must be considered. A blue sky with a high sun

may start an erythema in sensitive skins; a sunburn application is then the usual remedy. Sensitivity to certain types of hair dye is so generally recognised that I need only allude to it in passing. The continuing popularity of nail varnish lends additional point to the remarks quoted Three possible heading. under that sources of trouble have to be taken into account-plasticiser, perfume, dye; and dermatitis may occur on the patient's face. Lipstick and eyelash paint are also under suspicion, the probable criminal in every case being a dye. This statement does not apply to the whole range of these classes of products; on the contrary, it is pointed out that lipstick may be a protective against chapped lips, and that mascara obtained from lampblack is harmless. Nevertheless, the fact that lipstick and eyelash paint are facially applied is not without significance. To sum up, dermatitis from a cosmetic is unusual but is a possibility to be borne in mind.

### Reciprocal Qualifications

The letter headed "Reciprocity of Qualification" (p. 680) deals with an important subject—a subject which students, possibly unversed in the ways of the world, will do well to take to heart. Your correspondent sketches the difficulties confronting a British subject who desires to acquire a pharmacy in a Continental country. It may be added that such difficulties are not confined to the purchase of businesses. The broad outline of the matter is clear. Much has been done in Great Britain, in our easy-going style, to facilitate the registration of pharmacists from foreign countries; but I am not aware of much having been done on the same lines in those countries for British pharmacists. The available evidence seems to indicate that for the most part, and even in countries where the population is friendly to us, a narrow nationalism holds sway. The principle that no Briton need apply may, without much exaggeration, be said to be adopted throughout the Continent. Even if this were not so, a sudden change of régime might at any time result in confiscation of property, and possibly in expulsion from the country, without compensation. An alternative to a Continental career in pharmacy should not be difficult to choose. The Dominions and Coloniesmany, if not all-are crying out for suitable immigrants. Xrayser

### **BIRTHS**

Dallas.—At 9 Grosvenor Street, Edinburgh, on May 15, Betty, the wife of Archibald Dallas, M.P.S., 190 Morrison Street, Edinburgh, of a daughter.

McLaren.—At Edinburgh, on May 3, Madge, the wife of James M. McLaren, M.P.S., Strathcathro Hospital, Brechin, Angus, of a daughter.

### DEATHS

Bennet.—At his home, Avoca, Cahirciveen, on May 19. Mr. David Smeaton Bennet, M.P.S.I. Mr. Bennet was registered in 1895. He is survived by a son (Mr. John Smeaton Bennet, L.P.S.I.) and daughter.

BUTTON.—At Gazeley Colwall, Maivern, on May 13, Mr. Charles Button, M.P.S., Bank Chambers, Colwall, Malvern, aged sixty-seven.

Davies.—On May 11, Mr. Frederick William Davies, M.P.S., 72 Woodlands Grove, Coulsdon, Surrey. Mr. Davies qualified in 1907. He was formerly in business at Thornton Heath and Streatham High Road.

FREEMAN—On May 12, Mr. A. B. Freeman, valuations officer of Evans Medical Supplies, Ltd., since 1947. Mr. Freeman joined the company in 1897, and spent twenty-five years at the London office before being transferred to Liverpool in 1922 as manager of the counter adjuncts department of the company.

KNIGHT.—On May 14, Mr. William Arthur Knight, Ph.C., 252 Turney Road, Dulwich Village, London, S.E.21. aged seventy-three. Mr. Knight qualified as a chemist and druggist in 1896, and passed the Pharmaceutical Chemist examination the following year; he was the winner in 1897 of the Pereira medal. Mr. Knight was for thirty-three years chief pharmacist at Dulwich Hospital, and was subsequently for a short period on the editorial staff of The Chemist and Druggist.

Mandelson. — On March 20, Mr. Samuel Cohen Mandelson, M.P.S., Greenways, Bearwood Path, Winnersh, Wokingham, Berks. Mr. Mandelson, who qualified in 1896, was a life member of the Society.

Varley-Haigh, —Suddenly, on May 24, Mr. E. Varley-Haigh, C.B.E., M.I.Mech.E. (general manager of Thermega, Ltd.).

### **PERSONALITIES**

SIR ALEXANDER FLEMING has arrived in Barcelona to open new research laboratories of the Barcelona hospital for infectious diseases.

MR. W. FINLAY McIntosh, a sales executive of Glaxo Laboratories, Ltd., Greenford, left England recently by air for a business visit to extend over several months to the company's subsidiary organisation in New Zealand.

ALDERMAN W. J. Brown, Ph.C., mayor of Ludlow, who has been a member of Ludlow town council for seventeen years and mayor of the town four times, is to receive the honorary freedom of the borough.

MR. B. J. ADDERLEY, M.P.S., 50 London Road, Romford, Essex, has been invited to serve on the management committee of the Romford (No. 13) Group of hospitals under the North-east Metropolitan Regional Hospital Board.

MR. FRED STOREY, C.B.E., M.P.S.N.I. (a former president of the Pharmaceutical Society of Northern Ireland and a member of the Ulster Tourist Board) has relinquished the chairmanship of the Ulster Tourist Development Association after holding office for several years.

MR. H. A. POTTER, Ph.C., who is retiring from business (see p. 691) after fifty-three years' service with Potter & Clarke, Ltd.—many of them as chairman and managing director—qualified as a chemist and druggist in 1894 and passed the Pharmaceutical Chemist examination the following year.

MR. Don S. Momand (a director of Don S. Momand, Ltd., and Miles Laboratories, Ltd.) was made a Chevalier of the Legion of Honour by the French Government recently in recognition of his services during the war as Deputy and later Acting Commissioner of the American Red Cross (European Theatre).

MR. LLOYD E. DAVIES, Ph.C., 152 Cheveral Avenue, Radford, Coventry, is the artist who drew a cartoon reproduced on p. 709. Mr. Davies qualified in 1943 after studying at the Leicester School of Pharmacy. Later, while with the Royal Navy. he contributed sketches to ships magazines and became editor of the magazine of H.M.H.S. Gerusalemme. He is shortly taking up an appointment in the publicity section of Parke Davis & Co., London.

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# COMPANY NEWS

PARKEF, LAWRENCE & CO., LTD. (P.C.).—Capital \$500. To carry on the business of manufacturers of chemicals, medicines, drugs, etc. First directors are not named. R.O.: 62 Brook Street, London, W.I.

JOHN BRADSHAWS LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers of chemicals, drugs, medicines, etc. Samuel Press and Sophia Press, 155 Tottenham Court Road, London, W.1. directors.

D.D.B. PROPRIETORIES, LTD. (P.C.). — Capital £1,000. To carry on the business of manufacturing chemists and druggists, etc. Robert Dodd, Richard J. Dodd and Frederic G. Bendix, directors. R.O.: 12 King Street, Blackburn.

WILEY'S POWDERS, LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturing chemists and druggists, etc. First directors are to be appointed. Solicitors: Barradale & Haxby,

Leicester.

BROOKE GREGORY (CHEMISTS), LTD. (P.C.).— Capital £5,000. To carry on the business of chemists, druggists, etc. Gwendoline Gregory, Ivor D. Hazard and Marcia B. Hazard, directors. R.O.: 18 Cheriton High Street, Cheriton, Folkestone.

WILLOW PATTERN PERFUMERY, LTD. (P.C.).—Capital £1,000. To acquire the business of a manufacturing perfumer now carried on at 20 Gloucester Street, Stroud, as "The Willow Pattern Perfumery." Eric I. Peddle and Edna D. Peddle, directors.

ESCADE, LTD. (P.C.).— Capital £100. To carry on the business of manufacturing chemists, chemical engineers, etc. William A. Whitehead and Ronald Bamborough, directors. R.O.: 123 Clayton Street, Newcastle-on-Tyne.

EXIM (LONDON), LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers of and dealers in pharmaceutical, cosmetic and perfumery preparations, etc. Dorothy S. Humphrey director. R.O.: 18 York Buildings, Adelphi, London, W.C.2.

CHARLES READ & SONS, LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. Ronald E. Huggins and Lawrence E. Colyer, directore. R.O.: v8 Kirkham Street, London, S.E.

Howarths Stores (Lowton), Ltd. (P.C.).—Capital £1,000. To carry on the business of general stores and that of chemists, etc. Martha A. Howarth and Kenneth Spencer Howarth, directors. R.O.: 37 Newton Road, Lowton, Lancs.

CAVENDISH SURGICAL INSTRUMENT & APPLIANCES Co., Ltd. (P.C.).—Capital £1,000. To carry on the business of dealers in surgical instruments and appliances, etc. Ada W. Sınallbone, Ronald F. E. Jones and Maurice Jacobs, directors. R.O.: 10 Princes Street, London, W.1.

Morgan Chemists, Ltd. (P.C.).—Registered in Dublin. Capital £500. To carry on the business of wholesale or retail chemists and druggists, etc. Gerald W. Morgan, Annie Morgan and James Morgan, directors, 7 Swords Road, Whitehall, Dublin.

EDWARD BEVAN & Co., Ltd. (P.C.).—Capital &4,000. To acquire the business of Edward Bevan

& Co., now carried on by John S. Gilbert at Swansea and Gowerton, Glam, and to carry on the business of retail chemists and druggists, etc. John S. Gilbert, Margaret E. Gilbert, Henry O. Walters, M.P.S., and Daniel L. Jones, M.P.S., directors. R.O.: 2 Union Street, Swansea.

UNICHEM, LTD.—Dividend for the year 1947 is 6 per cent., against 10 per cent. for the previous year.

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Application has been made to the Capital Issues Committee for permission to make a new issue of ordinary shares to the company's ordinary stockholders.

Virol, Ltd.—Net profit for the year ended March 31 amounted to £27,022, after providing for taxation, against £22,553. The ordinary dividend recommended is 15 per cent., plus bonus 2½ per cent., the same as in the previous year.

POTTER & CLARKE, LTD.—Colonel R. W. Wren, T.D., M.P.S., has succeeded Mr. Henry Potter, Ph.C., as chairman (see p. 690). Mr. William Potter-Mackenrot has been appointed vice-chairman. Colonel Wren and Mr. Potter-Mackenrot remain joint managing directors.

### LEGAL REPORTS

Strychnine Sale.—At Romford, Essex, on May 25, Grays Co-operative Society, Ltd., Upminster Road, Rainham, were fined £3, with £3 3s. costs, for selling strychnine other than as an ingredient in a medicine.

Pharmacy Act Fines.—At St. Augustine's Sessions, Canterbury, on May 19, George H. Edington and William McAfee, partners in Edington & Co., Mortimer Street, Herne Bay, pleaded guilty to four charges of selling Famel brand syrup, containing codeine, and Do-Do brand tablets, containing ephedrine, not being authorised sellers of poisons under the Pharmacy and Poisons Act, 1933, and of selling the preparations in containers not labelled as required by the Act. They were each fined a total of £20, with £3 3s. costs.

### **BUSINESS CHANGES**

Mr. Peter Noel Milton, M.P.S., has been granted permission to practise as a chemist in Guernsev.

Mr. J. Ross-Mansell, B.Sc., M.P.S., has been appointed general manager of Westminster Laboratories, Ltd., Chalcot Road, Regents Park, London, N.W.1.

WALSALL AND DISTRICT CO-OPERATIVE CHEMISTS, LTD., have opened a pharmacy at 22 Market Street, Hednesford.

LAMBERT PHARMACAL Co. are occupying their new factory at Victoria Road, South Ruislip, Middlesex, on June 1. The company's Park Royal factory was destroyed by bombing in 1940.

# TRADE NOTES

Bonus Terms. — Details are given on another page of bonus terms for Crookes' Lacto-Calamine offered by the makers, the Crookes Laboratories, Ltd., Park Royal, London, N.W.10.

**Prices Reduced.** — Macdonald & Son, Ltd., Dawson Street, Salford, Manchester, 3, have reduced the prices of all sizes of Silcot sanitary towels. Details of the new prices are given on another page.

Change of Pack.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, announce that the net weight of the cartons of Allenburys rusks has been reduced from 8\frac{3}{4} oz. to 8 oz., with a corresponding reduction in price. Each carton now has a points value of five.

Still Taxable.—Clinical Products, Ltd., 2, The Green, Richmond, Surrey, announce that—contrary to the company's advertisement on another page of this issue, which went to press too soon for correction there—Menopax antipruritic cream continues to bear tax at 33\frac{1}{3} per cent. The retail price is therefore at the figure given as "previous price" in the announcement.

Organic Chemicals List.—British Industrial Solvents, Ltd., 4 Cavendish Square, London, W.1, have issued a spiral-wirebound stiff-covered price list of their Bisol range of organic chemicals. The list comprises 175 pages and gives commercial information about uses, specification, methods of testing, and properties of close on 100 products, and tables of miscibility and compatibility.

Sole Agents.—Messrs. Trentham Manufacturing Co., Ltd., Veritas Works, Garden Street, Nottingham, have been appointed sole distributors on behalf of Helena Products, High Road, New Southgate, London, N.11, for the Midlands, North of England (excluding parts of Lancashire), Scotland and Northern Ireland. Samples and prices of Helena puffs will be sent on request.

Withdrawn. — E.N.T. Manufacturing Co., Ltd., Quarry Road, Kingswood, Bristol, state that, by a decision of the court at Cardiff on May 20, E.N.T. non-alcoholic tonic wine is held to be a food and not a medicine. Sale of the product as at present labelled is therefore prohibited. Chemists carrying stocks should return them to makers direct, or to their wholesaler. Credits will be issued for all such returns.

England Visit.—The managing director of Commonwealth & Dominion Agencies, Pty., Ltd., Sydney, Australia, will be in England from June 15 to July 31. Firms or companies interested in the appointment of Australian sole agents and distributors of proprietary drugs, chemicals or preparations, are invited to communicate by letter with Mr. Norman S. H. Catts, c/o Bank of New South Wales, 47 Berkeley Square, London, W.1.

New Labels. — Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, advise us that carbachol B.W. & Co., which is, of course, now within the First Schedule of the Poisons Rules, is being issued under new labels from May 10 issued under new labels from May 10. Pharmacists holding stocks not so labelled are asked to ensure that they are altered to conform to the new regulation. makers point out that Physeptone brand dl - 2-dimethylamino-4:4-diphenylheptane-5-one hydrochloride is also now included in Schedule I.-Messrs. Burroughs Wellcome also announce that isopropyl adrenaline, recently introduced for the treatment of asthma (see p. 693), is available from the company, though only in limited quantities, as Neo-Epinine brand isopropyl noradrenaline. The product is issued as compressed products for sublingual administration, each containing 20 mgm., in bottles of twenty-five. A spray solution is in course of preparation.

Tooth-brush Displays. — ADDIS, LTD., Hertford, announce that their Wisdom Extra tooth-brush is now being sent out in its pre-war window carton and display outer. — A new tooth-brush display and carton introduced by S. Maw, Son &

MENTON

Sons, Ltd., Aldersgate House, Barnet, Herts, for their Meritor tooth-brush, are illustrated. Outer and carton have been designed for the company by Design Group, Ltd., in a colourscheme of light

green, dark green and red. Four varieties of tooth-brush are being issued in the new pack: The longhead and shorthead styles in Nylon and bristle. A Press advertising campaign is understood to be in progress for the Meritor tooth-brushes in their new presentation. 27s. 6d. 128-0z., 23s.; Flit "You pensing "Ple "Of questio

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### Proprietary Articles Trade Association

Additions to Protected List (Part 1).—7. L. Bragg, Ltd., Carbamaxa tablets, 21s. doz., tax 33\frac{1}{2} per cent., inclusive retail price 2s. 11d.; powders, 36s. doz., tax 33\frac{1}{2} per cent., i.r.p. 5s.

Bob Martin, Ltd., Bob Martin's cough powders, 11s. doz., tax 33\frac{1}{2} per cent., i.r.p. 1s. 6d.; Tibs cough powders, 11s. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s. 6d.; Tibs canker powder, 12s. 9d. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s. 9d.; Tibs Preen dry cleaner, 10s. 6d. doz., tax 100 per cent., i.r.p. 2s.; pig powders, 9s. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s. 3d.

Alterations to List (Part 1).—Osborne, Bauer & Cheesman, Ltd. (Agents: Sangers, Ltd.), Glymiel medicated jelly, 7s. doz., tax 33\frac{1}{3} per cent., i.r.p.

Scott & Turner, Ltd., Dimp anti-midge cream, 7s. doz., tax  $33\frac{1}{3}$  per cent., i.r.p. 1s.  $1\frac{1}{2}$ d.

Additions to List (Part 2).—7. L. Bragg, Ltd., Densylla tooth powder, 9s. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s. 3d.

Alterations to List (Part 2).—Thos. Reid & Sons, Ltd., Bamyl pine-tar shampoo, 8-oz., 25s. 3d. doz., tax 33\frac{1}{3} per cent., i.r.p. 3s. 6d. (replaces 4-oz. size).

Stemco, Ltd., Price in Eire:—Flit, 16-oz., 27s. 6d. doz., 3s. 3d.; 32-oz., 49s. doz., 5s. 9d.; 128-oz., 157s. doz., 18s. 6d.; 160-oz., 196s. doz., 23s.; Flit handsprayers, 28s. doz., 3s.

# A PHARMACIST'S ANTHOLOGY

"You have had plenty of practice in dispensing medicines, Doctor Brougham?"
"Plenty."

"Of course. Still, there are one of two questions I must put to you in this connection, just as a matter of form. You have a supply of white arsenic in your

surgery, I believe?"
"I have. The remains of an old lot belonging to my father. It hasn't been used for years."

"Where is that kept?"

"In the poison cupboard."
"Is the poison cupboard kept locked?"

"No."

" No?"
" No."

"But isn't it a regulation that the poison cupboard should be kept locked?"

"I think if you were to examine the poison cupboards of every doctor in this country at this moment, not one in a

thousand would be locked."
"That seems to me a very sweeping statement," commented the coroner, not without visiting "and Leipcorely hope at

without severity, "and I sincerely hope it is not correct..."

From "Not to be Taken" by Anthony

From "Not to be Taken," by Anthony Berkeley.

# USES OF SULPHONES

ROGERS ("Lancet," April 3, p. 515) points out that the actions of chaulmoogrates and of sulphones on lepra bacilli are complementary, and that a combination of the two is therefore likely to furnish the most effective and rapid treatment for leprosy. He summarises the results of various workers, and further suggests that, as chaulmoogrates and morrhuates produce focal reactions in tuberculosis, colloidal copper morrhuate (used in South America under the name Gadusan) may also be worthy of trial in combination with sulphones or with streptomycin in tuberculosis, on the same principles as in leprosy.

### DRUGS AGAINST SPASM

REPORTING on tests made with Aleudrine (isopropyl adrenaline) and Anthisan (pyranisamine maleate) by their effect on the vital capacity in thirty-one and fourteen cases respectively of bronchial spasm, Herzheimer ("Lancet," May 1, p. 667) found both substances effective in relieving attacks, though tolerance to each is acquired by some patients. Optimal doses vary widely, and the author recommends spirographic tracing of the vital capacity as a means of determining the dosage. Isopropyl adrenaline may be administered as 0.02-gm, tablets perlingually, or as an atomised spray (strength, 1 per cent. or The latter acts immediately; the former, which must be given in full dose at one administration, after 4-10 minutes. Unpleasant side-effects are recorded as being much less frequent than with of the Anthisan. "one adrenaline. strongest anti-histamine substances so far described," causes a cough when inhaled, making treatment difficult. It commences to act at once by inhalation (orally only after an hour), the cough being overcome after 1-3 minutes. Drowsiness is a pronounced and nausea an occasional side-The author gives his experience effect. of the most suitable method and drug (Aleudrine, Anthisan, ephedrine or papaverine) in different types of case. Southwell, however ("British Medical Journal," May 8, p. 877) from a series of observations using Anthisan alternating with "dummy" tablets of similar appearance, concluded that the drug conferred no benefit on twenty-five asthmatic patients, although "markedly successful" in reducing severity of symptoms in hay fever. He warns against wrong impressions of the efficiency from tests made without adequate controls.

# B.P. CHANGES AT A GLANCE

(Continued from The Chemist and Druggist, May 22, p. 675)

New monographs in Black Type. Retained monographs in Capitals. Omissions in [Italics] between square brackets. M.W.=Molecular weight (previous figure in parenthesis). Min.=Minims. gr.=grain. gm.=gram. M.P.=Melting point.

Bromethol.—Monograph from Addendum III. "Colour of the indicator should remain 'red or orange red'" is substituted for "orange" in congo-red test for decomposition in solution prepared for rectal injection.

[Buchu].

Butacainæ Sulphas.—New monograph includes graphic formula for sulphate of the base of γ-di-n-butylamino-propylp-aminobenzoate (Trade name: Butyn). M.W. 711.0. Butacaine sulphate is described as a white crystalline powder; odourless; taste, slightly bitter, followed by a transient insensibility of the tongue. Soluble (at 15.5°) in less than I part of water (slowly, more rapidly on warming); in less than I of warm (95 per cent.) alcohol and less than I of acetone. Slightly soluble in chloroform; insoluble in solvent ether. Identification: A. Free base precipitated as a colourless oil by alkali hydroxides and as a crystalline carbonate by alkali bicarbonates (from solutions in water). B. Precipitates from solution (10 per cent. w/v) in water are: White, solution of potassio-mercuric with iodide; brown, with solution of iodide and with solution of gold chloride; yellow with solution of trinitrophenol. C. A red precipitate is produced on dissolving 0.1 gm. in 5 mils of water, adding 2 drops each of hydrochloric acid and sodium nitrite solution (10 per cent. w/v), and mixing with 0.2 gm, of  $\beta$ -naphthol dissolved in 3 mils of solution of sodium hydroxide and 7 mils of water. D. Solution in water yields the reactions characteristic of sulphates. M.P. 100° to 103°. Ash, not more than o.1 per cent. Storage, in a well-closed container, protected from light.

Butylis Aminobenzoas.—New monograph includes graphic formula of n-butyl-p-aminobenzoate (Trade names: Butesin; Scuroform). Butyl aminobenzoate is described as a white crystalline powder; odourless; tasteless. Solubility: Very slightly in water; soluble in dilute acids, in 95 per cent. alcohol, chloroform, solvent ether, and fatty oils. Slowly hydrolysed when boiled with

water. Identification, A. To 2 mils of N/10 hydrochloric acid add a few drops sodium nitrite solution (10 per cent w/v); add this to 0.2 gm. of  $\beta$ naphthol dissolved in a mixture of 3 mils sodium hydroxide solution and 7 mils water; a red precipitate is produced. B. To 1 mil of a 1 per cent. (w/v) solution in N/10 hydrochloric acid add a few drops of iodine solution, shake. On standing for ten minutes with occasional shaking a dark brown precipitate is formed which changes into large reddish - brown prisms (distinction from ethyl aminobenzoate). M.P., 57° to 59°. Ash, not more than 0.1 per cent. Storage, in a well-closed container, protected from light.

Caffeina.—Monograph rearranged. Graphic formula added. M.W. 212.2 (212.1). Loss on drying, at 105°, now specified as "not more than 8.5 per cent. of its weight." Preparation: Caffeinæ et Sodii Benzoas (added). Doses: 5 to 10 grains (instead of 2 to 5 grains).

Caffeina et Sodii Benzoas.—Monograph rearranged. Paragraph on "Sterilisation of a Solution" deleted. Preparation: Injectio Caffeinæ et Sodii Benzoatis.

Calamina.—New monograph. Synonyms: Calamina Præparata; Prepared Calamine. Calamine is a basic zinc carbonate suitably coloured with ferric oxide. Described as an amorphous impalpable pink or reddish-brown powder, the shade depending on the variety and amount of iron oxide and the process of incorporation. Insoluble in water; soluble with effervescence in hydrochloric acid. Identification: Yields reactions characteristic of zinc, carbonates and ferric salts. Calcium and soluble barium salts: Dissolve 1 gm. in a mixture of water, 10 mils, and glacial acetic acid, 2.5 mils, and filter. Calcium, no turbidity is produced on adding 15 mils of dilute ammonia solution and 2 mils of solution of ammonium oxalate to 0.5 mil of filtrate, on standing for five minutes. Soluble barium salts, no turbidity is produced on adding 2 mils

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of dilute sulphuric acid to the remainder of the filtrate, on standing for five minutes. Lead: Dissolve 2 gm. in 20 mils water and 5 mils glacial acetic acid, filter, and add 5 drops solution of potassium chromate; solution remains clear for five minutes. Chloride and sulphate, to comply with limit tests. Alcohol-soluble dyes: Filtrate is colourless from 1 gm. shaken with 10 mils of 90 per cent. alcohol. soluble dyes: Filtrate is colourless from 1 gm. shaken with 10 mils of water. Matter insoluble in hydrochloric acid, not more than 10 mgm. from 1 gm. Residue on ignition, 68 to 74 per cent. Preparation: Lotio Calaminæ. (N.B. Native calamine, freed from gritty particles by elutriation, was official in the British Pharmacopæia, 1885).

Calciferol.—Addendum I monograph rearranged. Graphic formula added. M.W. 396.6 (396.3). Biological assay omitted. Added under Preparations: Calciferol may be used as an ingredient of Liquor Vitamini D Concentratus and Liquor Vitaminorum A et D Concentratus. Doses (daily) relate to infants and adults (instead of "an infant"). Maximum dose increased to 1/600 gr. (4,000 units) as prophylactic and 1/120 gr. (20,000 units) therapeutically.

CALCII CARBONAS. — Monograph rearranged. Assay factor, 0.05005 (0.05004). Preparations: Calcium carbonate is an ingredient of Syrupus Ferri Phosphatis Compositus and Trochisci Bismuthi Compositi (added).

CALCII CHLORIDUM.—Monograph, as modified by Addendum I, rearranged (i.e., Doses by injection omitted and instruction added that "When Calcium Chloride is prescribed for injection, twice the prescribed amount of Hydrated Calcium Chloride shall be dispensed). Assay process changed to that under Calcii Lactas (now based on calcium content instead of chloride).

Calcii Chloridum Hydratum.—Monograph of Addendum I with assay directed as under Calcii Lactas. Doses by intramuscular injection omitted. Paragraph on "Sterilisation of a Solution" deleted, methods of Addendum IV being included in the injections (Injectio Sodii Chloridi Composita and Injectio Sodii Lactatis Composita) added as "Preparations."

Calcii Gluconas. — Addendum I monograph rearranged. Arsenic limit, 2 parts per million (instead of 5 parts). Lead limit, 5 parts per million (10 parts). Assay changed from gravimetric to volumetric as given under Calcii Lactas. Doses: 15 to 60 gr. (replaces 30 to 60 grains).

CALCII HYDROXIDUM. — Monograph, as amended by Addendum I, rearranged.

Doses omitted.

CALCII LACTAS. — M.W. 308.3 (308.2). Arsenic limit, 2 parts per million (instead of 5 parts). Limit test for iron on 0.5 gm. (0.1 gm.). Assay changed to: Dissolve about 0.5 gm., accurately weighed, in 100 mils water and 3 mils hydrochloric acid, add a slight excess of dilute solution of ammonia, heat nearly to boiling and add with stirring an excess of hot solution of ammonium oxalate; heat on a water bath for one hour, collect the precipitate, wash with warm water, suspend in 50 mils of water, acidify with dilute sulphuric acid, heat to 60°, and titrate with N/10 potassium permanganate. Preparation: Tabellæ tor, 0.01542. Calcii Lactatis.

Calcii Mandelas. — A new monograph Purity, 99.0 per cent. C11H14 O Ca M.W. 342.4. Described as a white micro - crystalline powder; odour, slightly aromatic; taste, slightly saline. Solubility, very slight in water; insoluble in alcohol (90 per cent.). Identification: A. Yields reactions characteristic of calcium. B. Shake about 0.25 gm. with 5 mils water, add 5 mils sulphuric acid, and mix; add 10 mils sulphuric acid and mix by rotating the tube; a purple colour slowly forms and the odour of benzaldehyde is produced. Reaction, in water, neutral or faintly acid to litmus solution. Arsenic, not more than 2 parts per million. Lead, not more than 5 parts per million. Complies, on 1.0 gm., with limit test for sulphates. Chlorinated compounds, not less than 3.3 mils of N/10 ammonium thiocyanate is required in test described under Acidum Benzoicum. Assay as under Calcii Lactas. Factor, Doses: 2 to 4 gm.; 30 to 0.01712. 60 gr.

CALCII PHOSPHAS.—Modified tests for iron, carbonate, and acid-insoluble matter. Iron: o.i gm. dissolved in 5 mils water and o.5 mil hydrochloric acid FeT., with 1 gm. citric acid, and diluted

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to 40 mils with water, complies with the limit test for iron. Carbonate: no effervescence produced on diffusing 5 gm. in 30 mils water and adding 10 mils hydrochloric acid. Hydrochloric-acid-insoluble matter: filter solution obtained in the test for carbonate through tared filter, wash with water, and dry at 100°; residue weighs not more than 5 mgm. Assay changed (see "Calcii Lactas").

CALUMBA.—Addendum I limit of not less than 12 per cent, of alcohol (60 per cent.)-soluble extractive. Microscopical characters given in detail (see Calumbæ Pulvis. Acid-insoluble ash, not more than 2 per cent. Doses omitted.

Calumbæ Pulvis. — Yellowish-grey. Diagnostic structures: Parenchyma, with cellulose walls containing starch; vessels, 80 to 150 microns in diameter, with vellow walls, changed to green by sulphuric acid (66 per cent. v/v), showing transversely elongated bordered pits, or reticulate thickening; sclereids, with vellow walls (also changing to green), subrectangular, moderately thickened, containing small prisms of calcium oxalate; starch grains, simple or 2-to about 6- compound, individual grains 10 to 25 to 45 to 100 microns in diameter; some fibrous tracheids near the vessels, true fibres absent. To comply with requirements under "Calumba."

CALX CHLORINATA.—Rearranged only.

Calx Sodica.—Soda Lime is a mixture of sodium hydroxide, or sodium hydroxide and potassium hydroxide, with calcium hydroxide. Fused and granulated. Absorbs not less than 20 per cent. of its weight of carbon dioxide. Description: White or greyish-white granules, or may be coloured with an indicator to show when exhausted. Solubility: Partly in water; almost completely in acetic acid. Size and hardness of granules: Whole of 500 gm. shakes through  $\frac{5}{16}$  in. perforated plate-test sieve; and not more than 25 gm. through a No. 6 sieve. screened material, after rolling slowly twenty times in a tin (about 5 by 4 in.) down a 9 ft. inclined plane with 1 ft. drop on to a wooden base, passes not more than 25 gm, through a No. 8 seive. Loss on drying at 100° for two hours, not more than 19.0 per cent. Moisture absorption, not more than 7.5 per cent. in 24 hours in open glass dish (about 50 mm. wide and 30 mm. high) in a desiccator over sulphuric acid (14 per cent v/v). Carbon dioxide absorption: not less than 20 per cent. Assay

by passing a slow stream, about three bubbles per second, of mixed carbon dioxide and air through a chain of absorption tubes and bottles. Storage: in well-closed container.

Camphor. — Monograph rearranged with structural formula added. M.W. 152.2 (152.1). Contains not less than 97.0 per cent. C<sub>10</sub>H<sub>16</sub>O (new). M.P. 174° to 179° (174° to 177°). Specific Rotation of 10 per cent, w/v solution in alcohol (95 per cent.); Natural camphor, + 40° to +42°; synthetic, -1.5° to + 1.5°. Assay (as phenylhydrazide) added. Paragraph on "Sterilisation of a Solution" omitted, as also "Dose by subcutaneous injection.

[Cantharidinum. — Omitted, as also Emplastrum Cantharidini and Liquor

Epispasticus.]

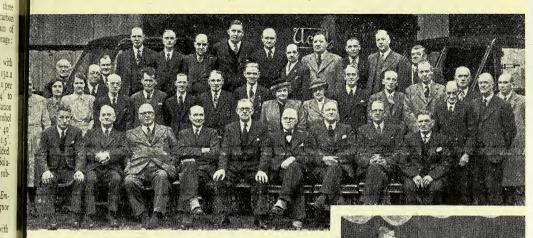
CAPSICUM.—Monograph rearranged, with added microscopical characters in extended detail. New requirements for extractive and pungency on moderately coarse powder; Residue from 2 gm. (dried over sulphuric acid and extracted with anæsthetic ether in a continuous extraction apparatus for 24 hours) not less than 0.24 gm. after drying at 110° Pungency: Macerate 1 gm. with 50 mils 95 per cent. alcohol, shaking continuously for six hours or frequently during twenty-four hours; filter; and dilute 6 mils filtrate to 100 mils with water; 3 mils of a 1 in 50 dilution with 5 per cent. w/v solution of sucrose in water, and swallowed all at once, produces distinct sense of pungency in the throat of at least two out of three individuals. Ash, not more than 8.0 per cent.

Capsici Pulvis. — New submonograph. Description: Orange to brownish-red. Diagnostic structures: Cells of the outer epidermis of the pericarp, subrectangular, with moderately and evenly thickened walls and thick striated cuticle, often in rows of 5 to 7; thin-walled parenchymatous cells of the mesocarp, many containing red oily globules; idioblasts of the mesocarp containing microcrystals of calcium oxalate; thin-walled cells of the inner epidermis, with groups of sclereids having pitted walls; cells of the epidermis of the testa, large and heavily thickened, with sinuous anticlinal walls; polyhedral cells of the endosperm with cellulose walls containing globules of fixed oil and aleurone grains 3 to 6 microns in diameter; starch, absent. Complies with requirements for ash; nonvolatile ether extractive; and pungency.

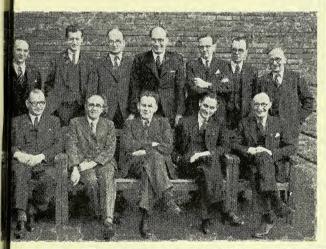
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# RESENTATIONS and VISITS



Top of page: Thirty-three long-service employees of United Chemists' Association, Ltd., Cheltenham, with directors. Above: Dr. T. B. Maxwell (managing director) makes a presentation to Mr. J. Anderson (area manager, May & Baker, Ltd.). See also p. 686. At ieft: London hospital pharmacists photographed during a visit to the works of Boots Pure Drug Co., Ltd., Nottingham, recently. Rear: Messrs. H. Grainger, C. Greenway, J. Elliott, T. Whittet, H. Payne, J. Meore and V. Chauffourier. Front: Dr. J. Coutts, Mr. C. Sykes, Dr. A. Roberts, Messrs. J. Hadgraft and S. White. Below: Leeds pharmacists at headquarters of Evans Medical Supplies, Ltd., recently.



# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

Annual Meeting

UNDER a new procedure adopted for the 107th annual meeting of the Pharmaceutical Society of Great Britain, held on May 19, scrutineers were appointed at 11 a.m. and the meeting was immediately adjourned, to be resumed at 7.30 p.m. Some

300 members attended.

MRS. J. K. IRVINE, M.B.E. (president), called on the secretary to announce the result of the election of seven members of the Council (see C. & D., May 22, p. 655). After thanking the auditors and scrutineers, Mrs. Irvine went on to refer to the new arrangements for the annual meeting. It had been suggested, she said, that the annual meeting should be superseded by the Branch Representatives' meeting, but such a course would take away valuable rights and responsibilities from individual members.

Moving the adoption of the Council's annual report and statement of accounts, Mrs. Irvine said the new education regulations required only the approval of the Privy Council. The changes incorporated in them were long overdue, and the Society should already be talking about the next stage — the three-year final course. Machinery was being set up for

revising the syllabuses.

#### National Health Service

Under the National Health Service, Mrs. Irvine said, only the remuneration of contractors remained to be announced. The new service could be the beginning of a new era for pharmacy if pharmacists seized the opportunities for strengthening their professional position, rejecting the commercial course which, it was claimed, their insecure economic position had in the past forced upon them. Two proposals put forward by the original Joint Commit-tee on a National Pharmaceutical Service had been dropped: limitation of the opening of new pharmacies, and participation of the manager of a pharmacy in the con-The Pharmaceutical Functional Council contained no place for pharmacists employed as managers or assistants in shops; such pharmacists had no say in determining the obligations they would have to carry out in the course of their work and on which the efficiency of the service would depend. Half the pharmacists in the service, said the president, would be denied the status their qualification deserved. The fact that employed opticians were represented on the Optical

Functional Council suggested that a firmer stand with the Ministry might have secured employee representation for pharmacists.

#### Members' Questions

Mr. J. TEESDALE said he was alarmed at the number of apprentices being registered. Were the conditions for the approval of pharmacies being strictly enforced? MR. LINSTEAD replied that the large number of registrations of apprentices in 1947 was probably due to post-war conditions and was not likely to be repeated. The Council was not relaxing its conditions for approval. Mr. E. Neville Brown asked what would be the fate of an item shown in the financial statement: "For special building purposes, London Conference, 1933." Mr. LINSTEAD said the item could be used only for building purposes. Any change could be made only with the permission of the donors. Mr. J. E. Shinner was not impressed by the fact that the "Pharmaceutical Journal" had shown a profit. If the paper were to be run at a profit it would become an donorise." advertisers' paper, and desired improvements would not materialise. MR. LINSTEAD replied that, under present conditions, there were technical limitations to the improvements that could be made.

MR. E. T. GRIFFITHS, Cardiff, asked why the new building could not be kept for the Society; if it was valuable to London University it was valuable to the Society. MR. LINSTEAD said there had been two changes since the new building was started: the cost of the college had increased enormously, and the college itselfneeded more room. MR. F. J. CARTER, Blackpool, referred to a leading article on purchase tax on medicines published in the "Daily Mail" on May 19. Mr. Linstead said he had sent a reply to the editor (see p. 686). MR. J. U. WARBURTON, South London, asked what was the attitude of the Society, in view of the recent decision of the Statutory Committee in the Boots case, to a private pharmacist who advertised his dispensing service. MR. LINSTEAD said the situation was difficult, but it should be noted that the Statutory Committee had not given a decision—it had postponed its decision. In the meantime, discussions between the Society and the company concerned were continuing on lines suggested by the Statutory Committee. Mr. W. G. WIGLEY, Cardiff, criticised the low rate of Branch contri-

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butions to the Benevolent Fund. He suggested the appointment in each branch of an almoner whose functions would be both to organise the collection of subscriptions and to recommend the allowances to be paid out from the Fund. Mr. Linstead paid a tribute to the work done for the Fund in Cardiff by Mr. Wigley. He thought it might be dangerous for one man, in any locality, to have power to administer grants from the Fund. The problem of the best way of making grants was now under discussion by the Benevolent Fund Committee.

The annual report and the statement of accounts were then approved.

#### A Matter for the Council

Mr. R. G. Collins then moved:

That it is the opinion of this meeting that the individual salaries of all permanent officials receiving £500 or over per annum be declared in the Society's accounts.

MR. COLLINS said there seemed to be a lot of secrecy about the balance sheet, and the headquarters staff was growing. Salaries paid to higher officials should be known to members. MR. R. J. PRICE, Birkenhead, seconded. The PRESIDENT pointed out that, under the by-laws, the relations between the Society and its staff were a matter for the Council. Otherwise the position of members of the staff would be intolerable. The motion was defeated.

Mr. W. S. Benjamin moved:

This annual meeting requests the Council to take all possible steps to secure the implementation of the principle (enunciated by the Joint Committee on a National Pharmaceutical Service) that in the new pharmaceutical service "the service should be the responsibility of the pharmacist in personal control at each pharmacy irrespective of the nature of the ownership of the business."

MR. Benjamin said that, despite approval of the principle by the Joint Committee on a National Pharmaceutical Service, pharmacists employed as managers or assistants in shops had no representation on the Pharmaceutical Functional Council. Thus, about half of those responsible for providing the service were unrepresented. The employee organisations were trying to have the matter put right, but it was really a matter for the Council. Nothing short of an amending Act would meet the case. Meanwhile, the Council could give the matter publicity, hold conferences, and apply Parliamentary pressure. Mr. J. Gilmour, seconding, said employee pharmacists needed to be awakened to their profes-

sional responsibility. Mr. H. S. GRAINGER thanked the president for the support she had given the motion in her address. One section of the profession had arrogated to itself the right of contracting; employee pharmacists had become cyphers, with no authority. Mr. W. J. APPLEBY, Notts, said the blame lay with the qualified assistants, who were not organised: the proprietors were strong because they were united. Mr. G. H. ARMITAGE said that at a meeting at the Ministry of Health, representatives of the Guild of Public Pharmacists and the Confederation Health Service Employees had both voted against representation of retail employee pharmacists on the Functional Council. The employees would be represented, he pointed out, on Pharmaceutical Committees. Mr. H. Walsh, Birmingham, said lack of unity between proprietors and employees would endanger the status of the profession. They had a community of interest—their professional qualification-which was not shared by the co-operative societies and the multiples. In attending to the "sordid details" of remuneration, pharmacists might lose sight of the main principles. The National Health Service Act had been "bent" to bring in optical firms; it could be similarly "bent" to bring in retail employee pharmacist. The resolution was carried nem. con.

#### Annual Retention Fee

Mr. G. H. Armitage moved:

That this meeting is of opinion that members' annual retention fees, as at present prescribed by by-laws, be lowered when financial liability in connection with the Brunswick Square building is taken over from the Society.

Mr. Armitage said that before the enactment of the Pharmacy and Poisons Act, 1933, membership of the Society had been voluntary and the subscription £1 1s. Some members thought, he said, that the financial position which had made necessary a compulsory fee of £1 11s. 6d. had been aggravated by the purchase of the Brunswick Square site in 1930. A resolution, passed by the Council in 1943, that £15,000 should be appropriated each year to the premises fund, could now be re-The sum likely to be received from London University for the building should be sufficient to pay for the new premises that the Society certainly needed. THE TREASURER (Mr. W. S. Howells) said the negotiations for the transfer of ownership of the new building were not yet completed, nor were the final terms known.

The motion was lost.



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### Consultations and Advice

MAY 29, 1948

In reaching a decision whether to be advised by Dr. Private Member, or go on the panel of the Branch Representatives' group practice, the Council of the Pharmaceutical Society had the benefit or hazard on May 19 and 20 of sample prescriptions from each of these advisers.

To judge from the number of members present at the annual meeting on Wednesday, and the lively interest they showed in the matter in hand, the experiment of adjourning until the evening the main business of the meeting must be adjudged a conspicuous success. Those who attended - among whom, no doubt, were many Branch Representatives incognitowere able to settle down comfortably in novel and cheerful surroundings, undisturbed by cravings for a midday meal or memories of encounters with examiners.

On the motion for the adoption of the annual report and accounts, members raised questions about, for example, the administration of the Benevolent Fund and the fate of monies collected for the new building. Mr. Linstead was able to reassure them that there was no cause for anxiety, and the meeting passed to consideration of three resolutions. The first called upon the patient to bare his chest in public, as it were, by publishing the salaries of the Society's chief officials. It was not hard for the Council to prove that this would constitute an unwarranted infringement of the doctor-patient relationship. Another resolution demanded slimming treatment for the retention fee. It was defeated on the ground that the Society was already on little more than iron rations and would undergo actual starvation from any further reduction of diet.

The third resolution recommended a dose of ginger. It required the Council to take all possible steps to secure that, in the National Health Service, the pharmaceutical service should be the responsibility of the pharmacist in personal control at each pharmacy, irrespective of who owned the business. As the president had already advocated a little self-medication on those lines, members readily passed the resolution, although the discussion had revealed differences of view on both diagnosis and treatment, while blame for the collapse of employee representation on the Pharmaceutical Functional Council syndrome shared by the Society itself) was laid at a number of different doors. resolution, put forward by two stalwarts of employee organisation (Messrs. W. J. Benjamin and John Gilmour), found a strong supporter in Mr. H. S. Grainger, a prominent member of the Guild of Public Pharmacists. Mr. G. H. Armitage. who also supported the resolution, declared that the Guild's representatives had, at a constitution-forming meeting at the Ministry of Health, opposed any representation of retail employees on the Functional Council. Assuming that Mr. Grainger was expressing an official and not merely a personal viewpoint, Guild policy would thus appear to have undergone some change. Whatever internal upsets there were in the past, however, Mr. H. Walsh sought to subdue them with a bismuth mixture. Sections of the craft should not waste their energies opposing one another, he urged. In their qualification they had a real community of interest not shared by the companies and co-operative societies. As to how the Council proposes to implement the resolution, now it has been adopted — whether by approach to the Ministry or to the Contractor's Committee-no clue was given from the platform.

The morning session of the Branch Representatives' meeting focused attention on other maladies in need of treatment. Though there was small support for a suggested separation of the British Pharmaceutical Codex into two volumes (mono-

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graphs and formulary), a call for fuller case-records, so as to include the names of proprietaries in the monographs, and to show more clearly and quickly the physical properties of drugs, was carried overwhelmingly. Mr. Maplethorpe indicated, however, that treatment along those lines was already being applied, and the results would be apparent in the new edition.

A number of resolutions and amendments on finance prescribed an expectorant for the treasurer, to make him cough up the millions he was evidently expected to make on the disposal of the New Build-There was widespread enthusiasm ing. for this nostrum, until it was pointed out (a) that perhaps it would be better to wait and make sure there was really something available in the coffers, and (b) that any money made on the sale of the uncompleted framework ought to be set aside for the still-necessary alternative headquarters of the Society. The treasurer readily agreed to give a full account of the course of the Brunswick Square fever, from start to finish, in time for the inquest.

Pharmaceutical education and the control of entrants into the profession were the chief topics at the afternoon session. Fears were expressed that the Society was losing control over its qualifications, that all was not well with the relationship between the Society and certain universities, and that the Society's examinations would diminish in importance if the present policy of the Council were continued. Mr. C. W. Maplethorpe (chairman of the Edu-Committee) allayed most fears, however, by pointing out that the Society was always able to determine, at the last stage, who was to be admitted to the pharmaceutical Register. He looked forward to the institution by the Society of a diploma that would form the highest qualification attainable, comparable to certain qualifications of the Royal Colleges in medical science. And the suggestion met with obvious support from many delegates.

Apart from the hardy annual (or should it now be bi-annual?) of territorial representation, this virtually concluded the clinical examination by members of the Society of the Council, its policies and actions, and the patient emerged with but little change ordered in the previous routine.

### **Election Figures**

It may be unwise to attempt to read too much into the voting figures in the Pharmaceutical Society's Council election, but a few conclusions can hardly be avoided. The value of being already a Council member is shown by the wide gap between the lowest vote of the returned and the highest of the rejected candidates. Perhaps the challengers were less strong, or less well known, than usual, though they included such old campaigners as Messrs. Gilmour, Ross-Mansell and Beardsley.

### **Employee Candidates**

Lack of organisation among the employees has again been high-lighted by the failure of Mr. Gilmour to do better than become second among the runners-up, and of two other employed candidates to rise above the also-rans. Either the candidate has not yet appeared who can command the confidence of a majority of the employees, or apathy in that section of the electorate is even more chronic than in the remainder. Employees form mately half the membership and could easily return a representative if they wished. Until they get together for this purpose, however, they may expect to make little progress in any campaign for representation on the Pharmaceutical Functional Council, even with the help of the Pharmaceutical Council (see p. 699).

Another noteworthy feature of the election results has been the heavy vote for Mr. McNeal, who comes within seventy-two votes of heading the poll. This may be taken as comment by the electorate on the rather shabby deal afforded to Mr. McNeal when, though he had been made vice-president by Council vote, he was not considered good enough to succeed to the presidency.

### C. & D. Dispensing Price List

Subscribers are reminded that, from June 1, purchase tax is lifted from drugs and preparations of the British Pharmacopædia, British Pharmaceutical Codex, and National (War) Formulary, if labelled according to the regulations. To arrive at the new tax-free price, 25 per cent. should be deducted from the list price of the items affected.

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# BRANCH REPRESENTATIVES' MEETING

Branch Representatives of the Pharmaceutical Society met in London on May 20, Mrs. J. K. Irvine, M.B.E. (president) in the chair.

THE CHAIRMAN said she hoped that the holding of two meetings of branch representatives during the year would mean closer contact with members.

#### Rules of Procedure

When the Chairman moved adoption of the Rules of Procedure, Mr. M. Jackson, Leeds, asked what it was proposed to discuss at the two Branch Representatives' meetings. Would not the meeting usually held in September suffice? The Chairman explained that the September meeting would deal mainly with matters brought forward by the Council, the May meeting with business brought forward by branches. At the 1947 meeting at Torquay there had been a strong feeling that branches wanted closer association with headquarters.

### Questions on 1947 Report

After the report of the Council on business transacted at the Branch Representatives' meeting, September 1947, Mr. Jackson, Leeds, queried the decision of the Council not to raise the amount of the Branch grant beyond 2s. 6d. a head. If it was thought desirable to spend £500 or £600 on holding two meetings a year, it was equally important that branch activities should not be stunted for lack of regional finance. A similar amount might well be spent on branch activities.

MR. WILLIAMSON, Doncaster, thought the Leeds Branch—" probably the wealthiest in the country"—had had a bee in its bonnet for twenty years about branch grants. If the branch had, like Doncaster, to manage on £5 a year, there would be something to grumble about.

MR. R. R. RAMSDEN, Plymouth, said that after a recent meeting—one of the most successful ever held—the finances of his branch were seriously depleted. Would it be possible for a branch in such a position to obtain a grant from the Council? Otherwise, activities would have to cease for the rest of the year. The Charrman said she felt somewhat guilty about this. Members of the Plymouth branch had excelled themselves in entertaining her. She gave an assurance that, if a branch was in financial difficulties, the Organisation Committee would give a sympathetic hearing to its request for help.

Mr. G. C. CRUMMACK, Leeds, objected that, while Plymouth was offered sympathetic consideration because of its social activities, Leeds was advised to hold social activities in order to raise money.

### Apprenticeship: Before or After?

Mr. S. A. GAMLEN, Teeside, asked why the Council thought it undesirable for apprentices to complete their term before their final academic training. CHAIRMAN said the Council thought it better that entrants to the profession should go straight on with their studies upon leaving school, and so adapt themselves to the new educational conditions. A student was free to take his apprenticeship first if he chose, but the Council did not advise it. Miss M. H. Perkins, Leicester, asked how it could be said that the choice was left to the student when two years apprenticeship was required before and only one year after academic training. When THE CHAIRMAN asked whether the questioner seriously thought that one year's practical training before academic study was today sufficient to train a budding pharmacist, MR. W. G. WIGLEY, Cardiff, suggested that a minimum of two years' apprenticeship was essential, whether before or after academic training. Miss Perkins said she had been training students for ten or twelve years and had always found that those with previous practical training were far more useful.

MR. W. CRUMBLEHULME, Bolton, said that in Bolton it was difficult to obtain apprentices because boys could get better jobs without such high pre-professional qualifications as the Council now required. MR. W. F. REDFERN, North Staffordshire, said his branch considered that a boy with twelve months' training in a chemist's shop was of no use: a boy with three years' training at the University, on the other hand, knew something about pharmacy.

MR. H. A. Perkin, Dundee and East and Central Scottish, said that a student who had not been in the shop was undoubtedly at a disadvantage compared with one who had already had practical training. It should be remembered, however, that the course had been based on the assumption that students had done some practical training. A different type of training was now needed.

of training was now needed.
MR. W. SPENCE CULBERT, Glasgow and
South-western Scottish, said his branch had
always advised boys to take the Intermediate and then go into a shop for two years.

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Mr. F. H. OLIVER, Portsmouth, thought that one point had been overlooked: most entrants to pharmacy would in future come from the schools at the Intermediate and not at the Matriculation stage, and would also have had to serve twelve months or thereabouts in the Army. With that experience they would probably want to go straight to college.

MR. J. REED, East Metropolitan, asked who would hold examinations—the University or the Pharmaceutical Society?

MR. H. N. LINSTEAD (secretary) replied that for a University degree the University would examine and for a Pharmaceutical Society qualification the Society. But all examiners of all Universities were also examiners under the Pharmacy Acts; the Universities submitted the names of their examiners, who were appointed to the Society's board.

MR. G. H. SHEARD, Dartford, asked whether the Education Committee had considered combining the two forms of training—University and commercial. That should enable the student to form a better idea of what branch of pharmacy to

enter. At this point the Chairman called on MR. C. W. MAPLETHORPE (chairman of the Education Committee), who pointed out that there were some 15,000 shops, a few hundred hospitals, and an even smaller number of manufacturing laboratories. The bulk of apprentices must therefore, of necessity, be trained in pharmacies. The Council had decided that, from June 1, all students registering must take a twoyear post-Intermediate course for final examination. It was felt that students should be trained and examined in the knowledge that they had had no previous experience of pharmacy in shop, hospital, or laboratory. After such a training, one year's apprenticeship should be adequate. It had been the practice for many years to allow Ph.C students to do their apprenticeship after qualification. He himself had had, in the past six or seven years, half-a-dozen apprentices, all of whom had taken B.Pharm. and Ph.C. before apprenticeship; they had all proved excellent apprentices. He was looking forward with confidence to the future, when pharmacists would undoubtedly be remunerated on the same basis as people who took University degrees in other subjects.

MR. M. PEEL, Huddersfield, elicited from Mr. Maplethorpe that only two of the six apprentices mentioned had found employment subsequently in retail pharmacies, and suggested that that proved his

fear that pharmacists would be unwilling to enter retail pharmacy.

MR. G. CHECKLEY, Eastbourne, asked whether any course of instruction for subsequent examination had been contemplated for the "dispensing technicians" mentioned by Mr. Linstead at the Torquay Conference in 1947. The Chairman said the answer was in the negative.

MR. C. W. Hobson, Sheffield, considered two years' apprenticeship before academic training gave the apprentice an opportunity of finding out the sort of life he would have to lead, as well as the financial prospects.

The report was received.

### Proprietaries in the Codex

Mr. R. J. Price, Birkenhead, moved a resolution from his branch that the British Pharmaceutical Codex should revert to its previous practice of including proprietary names of substances under monographs, and that monographs should include broader reference to physical characteristics, such as specific gravity. With the advent of the new National Health Service, he said, the pharmacist at the counter would have less time than ever to seek for informa-tion and he should certainly not have to rely on outside publications. He wanted to know in what proprietary a drug was found, not so much what a proprietary contained. The data required physical characteristics could be arranged in column form at the head of each monograph. Mr. J. W. WATERWORTH, Birkenhead, seconded.

MR. C. W. MAPLETHORPE (chairman of the Codex Committee) said that the Committee had already decided that it was desirable to include in the Codex lists of names of proprietaries, with their equivalents. This would be done "in both directions." In the revised Codex, physical characteristics would be more readily visible.

MR. E. W. RICHARDS, Romford, said his branch opposed the motion on three grounds. First, the information about proprietary names was already in Martindale. Secondly, they did not like to combine too much professional and commercial matter in one book. Thirdly, new proprietaries were continually coming along, but the British Pharmaceutical Codex was issued only once in several years. If it was practicable, his branch would like a loose-leaf bulletin, say every six or twelve months, containing two lists—proprietaries to chemical names and chemical names to proprietaries.

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Mr. J. P. Murphy, Liverpool, would like to see preparations named by their official name in large type with brand names underneath. This would do away with the need for considerable cross-reference work.

The motion was carried. Mr. R. J. PRICE, Birkenhead, then moved a second resolution from his Branch:—

"That it is the opinion of this meeting that the British Pharmaceutical Codex should be divided into two volumes, one for monographs, etc., and one for formulary."

R. G. COLLINS, Birkenhead,

seconded.

Mr. C. W. MAPLETHORPE said the Revision Committee did not consider the Codex unwieldy. It was meant to be used as one book and he for one would be sorry to see it split into two.

The motion was lost.

#### Premises Fee

Mr. J. W. Waterworth, Birkenhead, said that a motion to abolish the premises retention fee had been sent in by his branch, but the members now wanted the Peterborough Branch amendment ("That it is the opinion of this meeting that the retention fee for premises should be reduced to £1") to be taken as the substantive motion, and he accordingly withdrew the original motion. The proposal was approved, and Mr. B. Wright, Peterborough, moved and MR. J. W. WATER-WORTH, Birkenhead, seconded the amended motion. There had been a growing tendency, said Mr. Waterworth, for the Council to be not cautious enough about general expenditure. The retention fee might be reduced, or spread over the whole membership of the Society. MR. A. H. PRESTON, Leicester and Leicestershire, disagreed. He thought that, to make progress, the Society must keep up its income.

Mr. F. S. Kingsley, Northampton, said he had been asked by members of his branch to oppose the motion because any loss on retention fees would probably be made up by an increase in the personal retention fee. Passing the motion would probably result in multiple shops and cooperative societies, which enjoyed the protection of the Society, benefiting at the ex-Mr. H. pense of employee managers. WALSH, Birmingham, estimated that the loss to the revenue of the Society if the motion were carried would be something like £10,000. That would mean an increase of 8s. to 10s. in the personal retention fee. The amendment, put as a substantive motion, was lost.

Mr. T. A. Durkin, Blackpool, said his branch was in favour of the amendment (proposed by Southend Branch) that any surplus should go towards relief of the membership rather than the retention fee. In the absence of a representative from Southend he moved it as a substantive resolution. Mr. G. C. CRUMMACK seconded.

Mr. W. S. Howells (treasurer) said that to reduce the premises fee from £2 2s. to £1 1s. would cost roughly £15,000 per annum, and some part of the Society's work would have to suffer. It was up to the proposers and seconders of motions for reductions to say how that

work should be curtailed.

Mr. E. T. Griffiths, Cardiff, pointed out that members were not asking for a reduction but only that, if money were available, consideration should be given to reducing the personal registration fee.

The motion was carried.

Mr. T. E. APTED, Stockport, withdrew a motion to make the premises retention fee transferable on a change of ownership of a pharmacy, after MR. H. N. LINSTEAD (secretary) had explained that the Act of Parliament which dealt with premises registration made the fee an ownership rather

than a premises fee.

MR. W. S. Howells (treasurer) said he welcomed an inquiry, recommended in a Bristol motion, that detailed information should be supplied to members on the financial position of the New Building Fund from its inception. A statement had been prepared, and this he would undertake to publish. It was agreed that the statement should be issued before a general meeting (necessary before any transfer took place) was called, and the motion was accordingly withdrawn.

MR. G. H. SHEARD, Dartford and District, moved a resolution requiring the Council to instruct the editor of the "Pharmaceutical Journal" to allot much more space to (a) letters from members, and (b) reports of branch meetings. After considerable discussion on this and on a somewhat similar resolution from Liverpool, and a statement by Mr. W. DEACON (chairman of the Publications Committee) the motion was put to the vote and carried. Mr. J. P. Murphy, Liverpool, withdrew the Liverpool motion.

#### Purchase Tax on Medicines

Mr. W. H. CLOUD, East Metropolitan, who wished to withdraw a motion pressing for the removal of purchase tax from all drugs and galenicals included in the

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B.P. or B.P.C. or their addenda, agreed to let it stand so that the Northampton amendment (excepting proprietaries) could be discussed.

MR. H. Walsh, Birmingham, considered that Customs and Excise Notice No. 78M would result in great hardship to pharmacists, as it classed as "patent" medicines, subject to tax, many branded official medicaments that enabled pharmacists to discriminate between a good and better

product.

MR. H. N. LINSTEAD said members might remember that the Chancellor of the Exchequer had said that he could not afford the £18 millions that apparently the Treasury obtained from purchase tax on medicines. The policy of the Society had always been clear: that purchase tax on medicines and drugs was an unjustified tax on sickness. As, however, the Chancellor had found himself unable to forgo the money, they had tried to help him to get his taxation exclusively from nationally advertised proprietary medicines. draftsman of the regulations had produced words that made liability to tax depend on the presence of a trade mark. The Treasury recognised that the right words had not been found, and was prepared to consider alternative ways of meeting the difficulty.

MR. W. H. CLOUD, East Metropolitan, then, by leave, withdrew his motion.

### Society's Rights in Examinations

After the luncheon interval Mr. J. REED,

East Metropolitan, moved: —
"That it is the opinion of this meeting that the present rights of the Pharmaceutical Society to conduct the Qualifying examinations should be iealously guarded."

It seemed, he said, that two methods of training and examination were being set up, and he hoped the Society would never give up one jot of their right to examine students for the qualifying examination. MR. R. D. DAVIES, East Metropolitan,

seconded.

Mr. W. O. Ayers, Nottingham, moved an amendment to add "and that it is bad policy to discourage students from taking those examinations." Many members of the Nottingham Branch, he said, were deeply concerned about the future of pharmaceutical education. Some in authority envisaged that in a few years' time the statutory qualifying examination would be a University degree. The chairman of the Education Committee, for instance, had stated that the Society would cease eventu-

ally to be the examining body. If that was the Council's policy, many pharmacists would profoundly disagree with it. Students should be encouraged to take the Society's examinations, first, because they would be in good company—the College of Physicians, College of Surgeons, Law Society, Institute of Engineers, Institute of British Architects, Chartered Accountants, Incorporated Accountants all controlled and conducted their own examinations. Secondly, the Society should have faith in its own history. Their forefathers of a hundred years ago, struggling to establish pharmaceutical education, had aimed high and had succeeded so well that for a hundred years progress had been made. During the whole of that time the Society had always had governmental approval and had retained the confidence of the public. Thirdly, the Society should have faith in the democratic system. Democratic institutions might be difficult to run, but if everybody shared in the responsibility of running the Society greater progress would be made than under a dictatorship-even a benevolent dictatorship of Universities.

Mr. W. E. Humphreys, Liverpool, asked leave, in order to save time, to speak to a motion by the Liverpool Branch:

"That it is the opinion of this meeting that under no circumstances should the powers exercised by the Pharmaceutical Society in the settingup of the syllabus, and the appointment of the examining body for examinations in pharmacy, be delegated to outside bodies."

Leave being granted, Mr. Humphreys reminded the president that, in a speech to the Liverpool Association and Branch, she had said that in no circumstances would the Society relinquish its powers as an examining body. Everyone was familiar with the drift of events. Before long, it would seem, entrants into pharmacy would qualify via the B.Pharm. route. Pressure would be brought to bear upon students to adopt that route even to the extent of excluding them from the Universities if they did not take a degree. Liverpool had no quarrel with the Education Committee and applauded its efforts to raise the standard of pharmacy, but where did the Society fit into the examination scheme? Presumably it would have its representatives on the various faculties dealing with the training of medicine and pharmacy students But in the future Universities would not be willing to be "hack" teachers for some outside body. If the present drift were allowed to continue, the Society in its present form would cease to exist.

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MR. T. A. DURKIN, Blackpool, said that, so long as the chemist and druggist and pharmaceutical chemist examinations were under the strict supervision of the Society, members would have nothing to grumble about.

Mr. C. W. Maplethorpe (chairman of the Education Committee) said seemed to be some misunderstanding of the situation. He entirely agreed that the Society should control the entrants into pharmacy. By what route people should be trained and examined was another The point was that matter altogether. the Society had control all along the line. If a University were to institute a degree in pharmacy and set up a standard of training and examination which the Society considered too low, that degree would not be recognised, and the holder would not be able to obtain registration as a pharmacist. It was in this control over entry into pharmacy that the Society's position must be maintained, and the Council was satisfied that it could be maintained. He saw no reason why, in the future, if the University degree became the general method of entry into pharmacy, the Society should not have a diploma of much higher standard than the degree. That would depend on members at that time, but he personally would welcome such an arrangement. It had been suggested that the Universities would take control and run pharmacy. Members who had read the Veterinary Bill at present before the House of Commons would realise that the position was quite different. In the past the vet-erinary profession had not recognised University degrees in veterinary science, but these would become obligatory if the Bill became law. Ultimate control of entry into the profession would, however, be vested in the Royal College of Veterinary Surgeons. It would not seem to matter whether a person took the Society's examinations or a University course, provided he was adequately trained and adequately examined, and that the Society exercised the last piece of control-whether to put him on the Register or not.

#### A Question of Standard

Mr. W. G. Hollis, Nottingham, said he understood Mr. Maplethorpe to mean that the Council intended to carry on with the suggestion to encourage students to take a B.Pharm. degree as distinct from the Pharmaceutical Chemist qualification. If, in their wisdom, the Universities decided to extend the syllabus, increasing the cost of becoming a pharmacist, the Society would presumably have no objection, since the effect would be to raise and not lower the standard. The matter should be carefully considered at an early stage.

Mr. G. C. CRUMMACK, Leeds, asked whether the chairman was in such sympathetic touch with all the Universities granting degrees in pharmacy as he was with the University of London. His own experience was that some of the degrees recognised by the Society were not entirely based on the requirements of pharmacy, and not governed by sympathy with pharmacy as the profession was known at the present time.

#### Intention to Retain Control

Mr. Maplethorpe said some members seemed to assume that the Society was about to give up examinations almost overnight and to hand the whole thing over to the Universities. Nothing could be further from the truth. Apart from any desire-and the Council had no such desire—there were such things as legal requirements. The Council had every intention of seeing that the Society continued to conduct its own examinations. regard to advising students, a booklet was published by the Society setting forth the requirements for its examinations. The booklet was being revised to comply with the new regulations. By request, a leaflet was being included giving a small amount of information about University degrees in pharmacy, the idea being that candidates sometimes complained after qualification that nobody had told them they could have taken a degree. There was no hos-tility between the Universities and the Society. University officials and Society's officials, University examiners and the Society's examiners, were often the same people. They worked in harmony with one another and the syllabus, training and examinations were organised on a friendly basis. In reply to Mr. Crummack, he said there was an obvious reason why the London University was used as a yardstick in a way that other degrees were not. London University was the only University that granted an external degree.

Miss K. Bell, East Cumberland, could not agree that London University granted external degrees in pharmacy. Attendance at a college recognised as giving instruction was essential. What could be taken was an external degree in pure science.

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Mr. A. R. G. Chamings, West Sussex, said that every worth-while teacher in a school of pharmacy made it his business to see that his students were advised as to their choice of a career in pharmacy.

#### Resolution Re-worded

MR. H. N. LINSTEAD, M.P., said it might help to clarify the position if he were to pull together the three motions on the paper. He had little doubt that the meeting would want to pass the original motion of East Metropolitan. In the Nottingham amendment the emphasis was, he thought, put the wrong way round. It was not really a question of discouraging students from taking particular examinations but of giving advice best suited to the individual student. In the circumstances, perhaps Nottingham Branch would be prepared to withdraw the amendment. He wondered whether Liverpool would be prepared to amend its motion to read:—

"That it is the opinion of this meeting that under no circumstances should the powers exercised by the Pharmaceutical Society in the approval of registrable qualifications in pharmacy be

delegated to outside bodies."

Mr. H. Walsh, Birmingham, approved Mr. Linstead's suggestion but regretted that such a proposal should come from the

platform.

The meeting agreed that the Liverpool Branch motion should be altered as suggested. The Nottingham amendment to the East Metropolitan motion was then put and lost. The East Metropolitan motion was put and carried. The Liverpool motion, as amended, was also carried.

MR. S. ROBINSON, East Metropolitan,

moved :

"That in the opinion of this meeting, in view of the increased standard of education, the Council of the Pharmaceutical Society should institute postal and local part-time refresher courses for members."

He pointed out that there were many practising pharmacists who required revision and advice. His Branch thought the Council should set up some scheme whereby there could be effective co-operation between a local education authority and the Society. In areas with no colleges, the difficulty could be overcome by postal courses. Mr. W. H. CLOUD, East Metropolitan, seconded.

Mr. H. S. Officer, Stockport, said that his branch endorsed the idea of having local part-time refresher courses but could not agree to postal courses, for three reasons. First, it was possible in most areas to make facilities available at a technical college or University. Secondly,

postal courses would lower the status of pharmacy. Thirdly, without practical work the whole scheme would fall down.

Mr. J. W. Bowie said Dartford Branch was surprised at the motion. Surely a branch so closely in touch with London as the East Metropolitan could obtain the

assistance it needed.

Mr. S. Durham, Sheffield, said that the Sheffield Branch had been trying for a number of years to get either a complete pharmaceutical course or a refresher course. They had been from the technical college to the University and back again, and had had absolutely no help or co-operation whatsoever. They were a large branch, and their only hope was in the postal course, or something of that type, run from London. Mr. H. W. Tomski, Harrow, said that the Harrow Branch had, in spite of difficulties, arranged a post-graduate course in a school. Previously a practical demonstration of dispensing for sterilised preparations had been given in two hospitals. The Branch wished him to say that postal courses could be arranged with little difficulty.

THE CHAIRMAN said that the Society had done and was doing all it could to encour-

age refresher courses.

An amendment by Stockport Branch to delete "postal courses" was put to the vote and carried. The motion of the East Metropolitan Branch as amended was put to the vote and carried.

Mr. J. Birrell, Glasgow and South-west

Scottish Branch, moved:

"That it is the opinion of this meeting that the present method of election of the Council of the Pharmaceutical Society of Great Britain should be reconsidered."

He pointed out that Scottish members would find it impossible, by their own vote, to put a candidate on the Council. As a constructive suggestion he urged consideration of the method of area election.

Mr. E. NEVILLE BROWNE, South-west

Metropolitan, seconded.

The motion was put to the vote and carried.

#### Council Members' Expenses

MR. J. M. ATKINSON, Harrow, moved: "That it is the opinion of this meeting that in order that any member of the Society should be able to serve on the Council the scale of expenses should be sufficient to cover all outgoings necessarily incurred by Council members in the discharge of their duties."

Harrow Branch felt that an important principle was involved. Tributes had been paid to members of the Council from various parts of the floor, and they should

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be sufficiently recompensed for their onerous duties. It had come to his knowledge that some of them had suffered financial hardship, and that was a disgraceful state of affairs. Mr. H. W. Tomski, Harrow, seconded. The motion was put to the vote and carried.

A motion by Mr. C. H. Robinson, Mansfield, that the "Quarterly Journal of Pharmacy and Pharmacology" should be sent to branch secretaries, for branch use, was

carried.

### Branch Representatives' Expenses

MR. G. Jones, West Glamorgan, moved to grant payment by the Society of reasonable expenses incurred by representatives in attending a Branch Representatives' meeting. MR. F. J. CARTER, Blackpool, seconded.

MR. F. G. Wells (chairman of the Organisation Committee) asked the meeting to reject the motion. He realised that the branches were one of the chief parts of the Society and that if there was money to invest it could not be better invested

than in them. On the other hand, as a member of the Council he had a duty to the members to look after the finances of the Society. They had already heard from the treasurer that they were not out of the wood yet. Mr. Wells gave figures. Perhaps the West Glamorgan Branch would withdraw its motion to give the Council time to consider the position. Mr. G. JONES, West Glamorgan, accepted the suggestion "so long as the matter is not allowed to lie on the table." The meeting agreed to await a report from the chairman of the Committee at the Brighton meeting.

A motion by Westmorland Branch that the Branch Representatives' meeting should occasionally be held in convenient centres other than London was carried.

Mr. H. C. Shaw moved a formal vote of thanks to the President of the Society for presiding so admirably over the meeting. This was carried, and the Chairman expressed her thanks and said she looked forward to seeing the representatives again at Brighton.

# N.P.U. PAYMENT

An address on "The National Health Service—Progress To Date" was given by Mr. G. H. M. Graham (chairman, National Pharmaceutical Union Executive) to a joint meeting of the northern branches of the N.P.U. and the National Health Insurance contractors of Newcastle, Gateshead and Durham, held in Newcastle-on-Tyne on May 19. Describing the N.P.U. plan for payment for N.H.S. prescriptions (see C. & D., May 22, p. 662), Mr. Graham said investigations carried out by two large retail pharmaceutical organisations had suggested a figure for the cost of dispensing a prescription that was practically identical with that arrived at by the N.P.U. It was hoped that, at a meeting of the N.P.U. Standing Committee and Ministry officials convened for May 27, a plan suitable for presentation to the conferences called for June 3 would be agreed. Advocating the acceptance of the "flat rate plan," Mr. Graham emphasised that sorting of scripts would not be difficult and would possibly be simplified if some form of ready reckoner chart were to be sup-Chemists would secure prompt plied. payment and would have a shrewd idea each month of what their cheque would amount to. The speaker answered many questions and, on a vote being taken, se-

# PLAN DISCUSSED

cured unanimous support for the plan. A vote of thanks was proposed by Mr. G. H. COOPER (chairman, Newcastle Pharmaceutical Committee) and seconded by Mr. T. SISTERSON (chairman, Durham Pharmaceutical Committee). Mr. J. R. Moffatt (chairman, Northumberland and Gateshead Branch, N.P.U.) presided.



"Your pills will be ready shortly, madam."

From "The Tonic" (the magazine of the School of Pharmacy, Leicester College of Technology), 1948.

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### CORRESPONDENCE

Correspondents may adopt an assumed name for publication but must furnish their real name and address to the Editor

### Remuneration Under N.H.S.

SIR,—The new National Health Service Act commences to operate on July 5. So far as I know, no remuneration has yet been suggested to pharmacists for their consideration and acceptance. We are told by those supposed to be in the know that "the remuneration will be generous." What does that really mean? It is more than time that a move was made.

Yours faithfully, SCOTTISH CHEMIST.

### Purchase Tax

SIR,—The chaos in the brush and comb trade occasioned by a recent Customs and Excise decision (C. & D., May 8, p. 601) is another reason why the whole purchase tax should be abolished. Why should the Chancellor budget for a surplus? Abolition of purchase tax would give such a fillip to trade—everyone would want to buy more goods—that surplus stocks would soon disappear, retailers would be filling more orders and everybody would want to work harder to get more money to buy more articles at prices all could afford.

Yours faithfully, S. E. A.

### **Unwarranted Arguments**

SIR,-No doubt many pharmacists will have read the leading article in the "Daily Mail" of May 19 dealing with purchase tax on proprietary medicines under the title "Taxing a Good Name." The writer puts forward some sound arguments in support of long-standing proprietaries whose names are household words throughout the world, and whose standard of excellence is beyond reproach. He damages his case with other statements that are wide of the mark. The crux of the matter is where the line is to be drawn between the very good, good and not so good proprietary, and who is to be the judge of what is "ethical" and what is not. Surely to suggest, as the "Daily Mail" does, that B.P. and B.P.C. preparations are made from cheaper and inferior drugs, and not so carefully and hygienically prepared as proprietary products, is a wild statement. There is a hidden suggestion, too, that people will have to accept under N.H.S. these "inferior" official preparations. Pharmacists should not allow such propaganda to go unchallenged.
Yours faithfully,

Chilwell. R. G. DAVIS JOHNS. [See paragraph on this subject in "News of the Week," p. 686.—Editor.]

### Impressions of the B.I.F.

SIR,—Having attended all the British Industries Fairs from the first at the Agricultural Hall, Islington, I feel qualified to endorse the view of a visitor this year (see C. & D., May 15, p. 637) that the 1948 show is the best and biggest trade fair in the world. In space occupied the Fair may not be so large as Canada's annual Toronto Fair, but that includes a pleasure fair. I echo also the view that what is needed at Olympia in future years is more seats. There is no room for chairs in the gangways, and I do not suggest that the number of exhibitors should be reduced, but two or more chairs for each stand (according to size) would be a great boon to visitors. It would be advisable, if more space can be obtained, for the smaller stands to be double their present size at the same cost. To get the necessary space I would suggest that some of the big buildings at the White City or Wembley should be used. Another possibility would be to hold a third fair at Manchester or other provincial city. Yours faithfully,

EMPTOR.

### Musk on Prescription

SIR,—Xrayser may be interested to know that, while I cannot claim to have dispensed musk in recent years (see C. & D., March 27. p. 393), some forty-eight years ago, while I was an assistant with Prior & Co., Londonderry, Northern Ireland ("Ireland's oldest chemist's shop ") I one evening received a telegram from a wild spot in Donegal, as follows: "Send six draughts each containing 10 grains musk." In half an hour they were packed and on board the post cart. (In those days we received many prescriptions for draughts and had a small label "The Draught" to affix to the phials and a larger "The Draughts, one to be taken-" for affixing to the box. We had boxes divided into six compartments for this purpose.) I remember Mr. Prior's remark on the occasion,

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"Doran! There isn't another chemist in Ireland could have dispensed that!" A few days afterwards we had an appreciative letter from a patient's brother, thanking us for our promptitude in executing the order, but stating that his brother had died, having taken only one of the draughts, so he was returning the remainder with his compliments, in the hope that, at some future date, similar draughts might be prescribed, perhaps for some poor person unable to pay the high cost, in which case we were to give them free.

South Africa.

Yours faithfully, JAMES B. DORAN.

### Scottish Dispensing Costs

SIR,—Your contributor Adest has, like the Working Party, omitted adequate reference to the wide difference in frequency of prescription between Scotland, England and Wales. The Scottish scale of dispensing fees was based on a twenty-four dose prescription yet the writer from 1930-1940 averaged over forty-eight doses per prescription. The figure today is about forty-two-forty-three doses. A prescription calling for 960 doses was dispensed for sixpence.

Prescriptions for 300 and 400 doses are not uncommon nor confined to one area, and more than one prescription has been encountered for 7 lb. compounded ointment, dispensed for eightpence. Yet the Pricing Bureau in Scotland for many years failed to focus attention on what was essentially a breach of contract, and the Standing Committee, with its ex-officion members from the North British Executive and Scottish Pharmaceutical Federation have in almost twenty years taken no effective steps to protect the Scottish chemist from exploitation of this breach of contract.

If the frequency figure, with its implications, be carefully examined, it should be possible to introduce a Tariff that would be fair to all. The capitation value of the dispensing fee is controlled by the frequency of prescription, and the frequency is also affected by the number of doses per prescription and/or the quantity of medicine not for internal use. Under a sliding scale of dispensing fees based on number of doses and quantity of medicine the discrepancy in cost of medicine per patient would almost vanish.

Yours faithfully, Glasgow, S.W.1. J. M. WILLIAMSON.

### The Council Election

Sir,—Will you please convey my thanks to all who voted to secure my return to the Council.

Scarborough.

Yours faithfully, H. M. Hirst.

SIR,—I desire to express my sincere thanks to the 2,933 pharmacists who supported my candidature in the recent election. Yours faithfully,

Liverpool, 23.

J. GILMOUR.

SIR,—I wish to thank the members of the Society who supported me at the Council elections. Their approval of my work in past years is keenly appreciated and I shall continue to do my utmost to justify their full confidence.

Yours faithfully, Amersham, Bucks. J. F. McNeal.

SIR,—May I, by courtesy of your columns, thank the 4,758 members of the Society who supported me at the recent Pharmaceutical Council election. I hope that their renewed confidence in my services will prove justified.

Yours faithfully, London, S.W.19. F. C. Wilson.

SIR,—The result of the Pharmaceutical Society's Council election shows that 55 per cent. of members failed to register their vote-a fact almost beyond understanding in these difficult days, when all of us ought to be vitally concerned in the choice of people to represent us on the Council. The 45 per cent. who did record their vote, however, were obviously satisfied with the stewardship of the retiring members, and showed their gratitude by returning those men who have loyally laboured in members' interest during a critical period. We in the north-westespecially the pharmacists-opticians-were especially pleased to find the secretary of National Association of Opticians second on the list. We know his capabilities and qualities. But we can never understand the antics of our Council! Mr. McNeal continues to receive overwhelming support from members, yet is denied the presidency. He has done a grand job in an efficient way, and nothing would please us more than to see him at the helm.

Yours faithfully, Stockport. T. J. Vernon Parry.

May 29, 1948

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# TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

### 28 Essex Street, W.C.2, May 26

The past week has seen several small price adjustments in Pharmaceutical and Fine Chemicals. The increased cost of raw material has compelled manufacturers to advance their selling prices of ETHER, and as from May 24 rates for the anæsthetic grade are three halfpence per lb. dearer, and the B.P. and technical grades, one penny per lb. dearer. Some makers of Chloroform, on the other hand, have decided to shade their prices fractionally by an amount corresponding to 1½ per cent. of the former selling price. Following the general trend towards lower prices, manufacturers of MERCURY SALTS have reduced the rates of all products by from fourpence to fivepence per lb., with effect from May 24. CITRATES were today brought into line with the higher price of CITRIC ACID by an all-round increase of one penny per Business has been fair during the past week and the supply position generally has improved.

### Crude Drugs

Trade in all sections of the CRUDE DRUGS markets continues rather slow with little change in values. AGAR is, however, receiving a good export demand, particularly for the best grade of strip. Balsams are quiet and although there has been some inquiry for Canada Balsam, of which there above buyers' ideas of value and little business has been done. Business in CASCARA SAGRADA has been fair and prices are steady; reliable reports indicate that bark peeling is progressing slowly and that newcrop supplies are about 10 per cent. of normal for this time of the year. MENTHOL remains firm on spot and forward prices show little sign of a break. A reduction has been made in the price of Spanish-Italian Mercury, the spot quotation is lower by 20s. per flask and the forward price by 28s. per flask. Rhubarb is an easier market and Chinese rough-round on the spot, with a good pinky fracture, is being offered at 4s. 9d. to 5s. per lb.; much of the wormy and inferior root has been sold and the quality of the rhubarb now available shows a distinct improvement on that offered a month or so ago. Waxes, prices of Beeswax and Carnauba WAX are lower, but Montan wax has moved into a firmer position.

Trade in Essential Oils has been slow with few inquiries for medicinal oils. Camphor oil (white), Spanish Spike Lavender, and Pennyroyal are among the oils for which spot prices are lower. Java Citronella oil is now available on the

spot and forward values are easier. Almond oil (sweet) is in good demand with British-produced oil available at 8s, 6d, per lb. Quotations for Apricot Kernel oil have fallen to 6s, 9d, to 7s, per lb. Imports of refined Olive oil in April totalled 3,251 cwt., valued at £55,161; it was reported recently that the Ministry of Supply had authorised the Olive Oil Importers' Association to purchase 700 tons of Greek oil at a price of £275 per ton, f.o.b.

### U.S. Drug and Chemical Report New York, May 21

Despite a minimum of activity on the Menthol market here, prices were substantially increased during the past week reflecting the strength of the primary market in Brazil. The product was being quoted in New York at \$8.75 per lb against \$8.40 a week earlier. Latest cables from Japan are understood to be quoting \$8.10 per lb., f.o.b. (about \$8.60, duty paid) for menthol. Mercury has reached a new post-war low level with a dollar per flask reduction being announced during the week. The new price is \$74 per flask. The U.S. Tariff Commission reports that production of Penicillin reached 7,057,264 mega units in February compared with 6,601,355 in the previous month. Imports of pharmaceutical and medicinal products rose from \$32,000 in 1946 to \$120,000 worth in 1947, the bulk of the materials came from Switzerland.

There has been no increase in the volume of business on the Crude Drugs market and the downward trend of prices has continued. Carnauba wax schedules were again lower despite reports that local stocks are quite small with chalky material virtually nominal. No. 1 yellow was being offered at \$1.08 per lb. compared with \$1.14 a week earlier and No. 3 N.C. at 69 cents per lb. or three cents cheaper than a week ago. Inquiries from abroad for Hydrastis were reported sluggish and prices again declined. Balsam per us was two cents per lb. cheaper at 78 cents, Arnica flowers were available at 85 cents per lb., compared with \$1.00 previously, and Dandellon root down by eight cents per lb, at 52 cents.

A continued downward trend in price was noted in the ESSENTIAL OILS market but AROMATIC CHEMICALS remained firm. Buying was limited although some increase in the number of inquiries was noted from the soft drinks industry. A recent shipment from Italy is understood to have included about 150 half cases and 600 quarter cases of LEMON OIL and the equivalent of about 100 cases of BERGAMOT OIL.

### Pharmaceutical Chemicals

ACETANILIDE.—Prices are unchanged: quotations for 1-cwt. lots in kegs are 2s. 5d. per lb. for crystals and 2s. 6d. per lb. for

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Aspirin.—Supplies are moving well at e recently advanced prices. Makers' the recently advanced prices. Makers' quotation for Powder is 3s. 5½d. per lb. in 10-cwt. lots and 3s. 7d. per lb. in 1-cwt. lots. Scheduled rates per lb. for quantities of 28 lb. and under 1 cwt. are: 4s. 6d. of 28 lb. and under 1 cwt. are: 4s. 6d. (1-lb. containers); 4s. 5d. (2-lb.); 4s. 4½d. (4-lb.); 4s. 3½d. (7-lb.); 4s. 3d. (14-lb.); 4s. 2d. (28-lb.). Net one month. Rates per 1,000 for bulk supplies of TABLETS are: Under 5,000, 3s. 9d.; 5,000 and over, 3s. 7d.; 10,000, 3s. 6d.; 25,000, 3s. 4d.; 50,000, 3s. 3d.; 100,000, 3s. 2d.; 250,000, 3s. 1½d.; 500,000, 3s. 1d.; 1,000,000, 3s.

Barbitone.—Base and soluble are available at prices from 43s, 6d. to 46s. per lb.

Barium sulphate, B.P. (x-ray).—1 cwt. is quoted at 1s. 3d. per lb. Schedule rates per lb. (containers in brackets), for quantities between 28 lb. and 1 cwt. are as follows: 1s. 8d. (1-lb.), 1s. 7d. (2-lb.), 1s. 6½d. (4-lb.), 1s. 5½d. (7-lb.), 1s. 5d. (14-lb.), 1s. 4d. (28-lb.).

BENZOCAINE.—Current rates per lb. are 40s. 9d. for 28-lb. lots and 41s. 3d. for

14-lb.

Boric acid.—Current rates for ton lots of B.P. quality are: Granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in 1 cwt. bags, delivered carriage paid in Great Britain, in 1-ton lots and upwards. Terms quoted do not apply to Northern Ireland.

BUTYL CHLORAL HYDRATE.—Current prices

are from 17s. 6d. per lb. upwards.

CALAMINE.—B.P.C. quality is quoted at prices from 1s. 2d. to 1s. 10d. per lb. Calciferol.—Quotations for the home

trade are from 10s. to 11s. per gm.

CALCIUM GLUCONATE. — Makers' quotations are at 3s. 1d. per lb. for 1-cwt. lots. CARBACHOL, B.P.—Price of small quantities is in the region of 5s. per gm.

Carbromal.—Importers' quotations are at 45s. per lb. Continues in short supply. CREAM OF TARTAR.—Current rates for the home trade are as follows: 10-cwt. lots, 153s. per cwt.; 5 to 10-cwt., 154s.; less than 5-cwt. and more than 2-cwt., 155s.;

less than 2-cwt. and more than 1-cwt., 157s. GLYCEROPHOSPHATES. — Makers' list prices per lb. are as follows: Calcium soluble, 10s. 6d.; Iron scale, 11s. 9d.; Acid, 20 per cent. (B.P.C.), 8s. 3d.; Magnesium (Insoluble), 10s.; Magnesium (Calvirum) 10. 2d. 4d. MAGNESIUM (INSOLUBLE), 1983; MAGNESIUM (SOLUBLE), 1983; 3d.; MAGANESE, 248, 3d.; POTASSIUM, 50 per cent., 5s. 11d.; 75 per cent., 7s. 9d.; SODIUM, 10s. 9d.; 50 per cent., 4s. 7d.; 75 per cent., 5s. 8d. Quantities of 7 lb., 6d. per lb. lower than above rates; other quantities in proportion. LACTATES.—Current quotations are as follows: Calcium, 2s. 2½d. to 2s. 10½d.; Calcium sodium, 3s. 3d. to 3s. 11d.; Acid, 3s.  $1\frac{1}{2}$ d. to 3s. 10d. per lb.

MAGNESIUM TRISILICATE (B.P.).—Prices (per lb.) in the home trade are unchanged. Containers in brackets. 28 lb. to 1 cwt., 4s. 4d. (1-lb.); 4s. 3d. (2-lb.); 4s. 2\frac{1}{2}d. (7-lb.); 4s. 1\frac{1}{2}d. (7-lb.); 4s. 1d. (14-lb.); 4s. (28-lb) per lb. Bulk quantities range from 3s. 2d. to 3s. 4d. per lb. in 28-lb. packages, as to quantity, carriage paid.

Quinine.—Makers' rates (per oz.) to distributors are given below; additional charges must be added for repacking, etc. ALKALOID, from 5s. to 5s. 6d.; ACETYL-SALICYLATE, 6s. to 6s. 6d.; BISULPHATE, and SULPHATE, 3s. 7d. to 4s. 1d.; DIHYDRO-BROMIDE and DIHYDROCHLORIDE, 4s. 11d. to 5s. 5d.; FORMATE, 5s. 9d. to 6s. 3d.; GLYCEROPHOSPHATE and PHOSPHATE, 5s. 5d. to 5s. 11d.; Hydrobromide and Hydro-CHLORIDE, 4s. 6d. to 5s.; SALICYLATE, 4s. 8d. to 5s. 2d. QUININE AND UREA HYDROCHLORIDE is quoted from 4s. 10d. to 5s. 4d.

Salicylic acid.—New rates per lb. from May 4 for quantities of 28 lb. and under 1 cwt. (containers in brackets) are: 2s. 10½d. (1-lb.); 2s. 9½d. (2-lb.); 2s. 9d. (4-lb.); 2s. 8d. (7-lb.); 2s. 7½d. (14-lb.); 2s. 6½d. (28-lb.). Net one month.

SALICYLATE. — Makers' prices from May 4 for 1 cwt. is 2s. 7d. per lb.; resellers' rates per lb. (containers in brackets) in the home market are as follows: 28 lb. and under 1 cwt., 3s. 4d. (7-lb.): 3s. 3d. (2-lb.); 3s 2½d. (4-lb.); 3s. 1½d. (7-lb.); 3s. 1d. (14-lb.); 3s. (28-lb.). Net one month.

Sulphanilic acid, B.P.C. — Current quotations are around 6s. per lb.

SULPHONAL.—Prices are from 44s. to 53s. per lb.

TANNIC ACID.—B.P. levis is from 8s. 9d. per lb.; ether soluble, from 9s. per lb.

TERPINEOL.—B.P. quality is priced at 5s. per lb. for small lots.

VALERIANATES.—Current quotations for quantities of 1 cwt. and over: IRON, SODIUM and ZINC, 42s. 6d. per lb.; AMYL ISOVALERATE, 37s. 6d.; ETHYL ISOVALERATE, 43s. 9d.; Methyl isovalerate, 44s. 3d. MENTHYL is quoted at 95s. 6d. per lb.

ZINC SALTS .- Prices per lb. are as fol-ZINC SALTS.—Prices per lb. are as follows: ACETATE, B.P.C., 3s. 9d. to 4s. 1d.; CARBONATE, B.P.C., 1s. 11d. to 2s. 5d.; CHLORIDE, B.P. (white), fused, 3s. 4d. to 3s. 8d., stick, 4s. 4d. to 4s. 8d.; IODIDE, B.P.C., 18s. 9d.; OXIDE, B.P., 11d. to 1s. 2½d., prepared from carbonate, 5s. 6d. to 6s.; PERMANGANATE, B.P.C., 9s.; SULPHATE, B.P., 44s. 6d. per cwt.; powdered, 51s. 6d. to 65s. 6d. per cwt.; exsiccated, 10d. to 1s. 1½d. per lb. The above price ranges are according to quantity. ranges are according to quantity.

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### Crude Drugs

ACONITE.-Indian root on the spot is in poor demand at 300s. per cwt.

AGAR.—No. 1 quality strip on the spot is quoted at 19s. to 19s. 3d. per lb., with lower grades at 17s. 9d. to 18s. 6d. The best grades have received a good export inquiry.

Aloes.—Steady. Cape, on the spot, is available at 145s.; shipment offers are at about 138s., c.i.f. Curaçao in boxes is offered at 210s. to 230s., spot; forward, 200s., c.i.f. Socotrine, 156s. to 190s. per cwt.

Areca nuts.—Ceylon on the spot is quoted at 67s. 6d. per cwt.

Asafetida.—Persian block is offering at £22 10s. to £24 per cwt., spot, with lower quality material (Indian) at about £15.

Balsams.—Canada is scarce on the spot and prices are high; 21s. 6d. per lb. has been quoted. Pará Copaiba, soluble, is offered at 5s. per lb., spot. *Pcru*, San Salvador is 5s. 6d. to 5s. 9d., duty paid. *Tolu* is offered at 18s. 6d. per lb. on the

BAY LEAVES.—Quotations are from 11d.

to 1s. per lb., duty paid.

Benzoin.—Sumatra block on the spot is available at prices from £15 to £17 per cwt., as to quality.

BISMUTH.—The price of metal is 11s. per lb. for quantities of 5 cwt.

BUCHU.—B.P. leaves, old-crop, quoted from 4s. 2d. to 4s. 3d. per lb., spot; newerop, now afloat, is offering at 3s. 11d.; for shipment, 3s. 8d., c.i.f. Old-crop ovals are available on spot at 3s. 9d. to 4s. per lb.

Calabar beans.—Supplies afoat

offered at 10d. per lb., c.i.f.

Camphor.—Little business done. Chinese tablets are quoted at 9s. 9d. to 10s. 9d. per lb., duty paid; refined powder (B.P.) is quoted at 8s. 9d. to 9s. 3d., with B.B. grade at 8s. 6d.; crude powder, 7s. 6d.

CANTHARIDES.—Chinese on spot is offered

at 9s., duty paid; 6s. 3d. per lb., c.i.f.

CAPSICUMS.—East African on the spot, 85s. to 140s. per cwt., as to quality.

CARDAMOMS.—Mangalore half-bleached A's, 8s. 6d., spot; B's, 8s., seeds, 6s. 9d. Aleppy seeds No. 1, 8s. 6d. per lb. Aleppy greens, 6s. 3d.; extra bold, 7s. per lb.

Cascara sagrada.—1947 peel on spot is quoted at 250s. to 255s, per cwt.; 1946 is at 265s. New crop prices are around 215s.

per cwt., duty paid.

Cascarilla.—Quills are offered at 1s. 6d. to 1s. 7d. per lb., spot; siftings are quoted at 1s. 5d. to 1s. 6d.

CINCHONA BARK.—On May 24, Messrs. Woodhouse, Carey & Browne, brokers, offered for sale by auction 220 packages of Tanganyika cinchona bark. Competition was only fair, 128 packages being sold.

One lot of chips (testing total alkaloids, 7.92 per cent.) made 3s. 10d. per lb.; lower grades realised 3s. 2d. (7.00 per cent.) and 3s. 4d. (6.83 per cent.). Quills made 3s. 5d. per lb. (7.37 per cent.) and 3s. 6d. (7.02 per cent.).

CINNAMON.—Quillings on the spot are quoted at 1s. 6d., featherings at 1s. 2d. and chips at 8d. per lb.; selected 0000 quill, in

bundles, 5s. per lb., spot.

GENTIAN.—French natural on the spot is offering at from 65s. to 67s. 6d. per cwt.

GINGER.—Jamaican No. 1 is offered at 115s. per cwt., No. 2 at 102s. 6d., and No. 3 at 100s. Sierra Leone is quoted at 62s. 6d., spot.

Gum acacia.—Kordofan cleaned sorts is steady at 66s. per cwt., spot London; for shipment, 61s., c.i.f. Bleached No. 1 is quoted at 135s., ex store. Talha cleaned, 44s., ex warehouse; 37s., c.i.f., per cwt.

IPECACUANHA.-Nicaraguan is quoted at 27s., spot; May-June shipment, 22s. 6d., c.i.f.; Colombian root, 25s., spot, and 21s.

per lb., c.i.f.

LIQUORICE.—Anatolian natural root is offered at 47s. to 50s. per cwt., spot. Syrian natural is at 45s. per cwt., spot. Italian block, 375s. per cwt., spot. Italian stick (1-oz. and 2-oz.), from £450 to £535 per ton, as to quantity and grade. Turkish block, 235s. to 240s. per cwt.

MACE.-West-Indian blade, on the spot, is quoted at 7s. 3d.; pickings, 4s. 6d. to

5s. 6d. per lb., according to quality.

MENTHOL.—Firm. Brazilian on the spot is quoted at 45s. to 46s. per lb., duty paid, according to seller.

Mercury.—Easier. Spot quotation is now £15 per flask, ex warehouse; for shipment, £14, c.i.f. U.K.

QUASSIA. — Spot prices of chips are quoted at 37s. 6d. per cwt.

QUILLAIA.—Natural bark is quoted at prices from 105s. per cwt., spot.

QUINCE SEEDS.—Cape, on the spot, is quoted at 4s. 6d. to 5s. 3d. per lb.

RHATANY.—Spot is quoted at 9d. per lb. Rhubarb.—Offerings on the spot of Chinese rough-round are from 4s. 6d. to 5s. for sound, with lower-quality material quoted at about 3s. per lb.

Sandalwood chips.—Supplies on the spot, for export, 350s. per cwt.

SANDARAC.—Spot supplies are quoted at 5s. 6d. per lb.; shipment, 4s. 3d., c.i.f.

SARSAPARILLA.-Jamaican native red on the spot at 2s. 4d. per lb.; 2s. 3d., c.i.f.

SEEDS. — ANISE. — Cyprus is 1s. 7d. per lb.; Turkish, 1s. 6d. per lb., duty paid, spot London. CARAWAY.— Dutch, spot London, sellers offering at 11d. per lb., duty paid. CELERY.—Indian is quiet and unchanged at 1s. 3d. per lb., spot London or Liverpool. CORIANDER.— 943

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Market remains quiet with a little business passing for export. Argentine on the spot is 44s. per cwt., duty paid, splits offered at 33s. per cwt., duty paid; new-crop Morocco for July-August shipment, on buyers' licence, is quoted at 32s. 6d. per cwt., c.i.f. London. CUMIN.—Indian spot London is quoted at 215s. per cwt., and 212s. 6d., ex store Liverpool; Cyprus is 212s 6d. per cwt., spot London. Dill.— Indian remains firm at 47s. 6d. per cwt. in London, and 46s. per cwt., ex store Liverpool. FENNEL.—Indian is offered at 72s. 6d. per cwt. in London, and 71s. 6d. per cwt. in Liverpool. FENUGREEK.— Indian is steady at 47s. 6d. per cwt. in London, and 46s. per cwt., spot Liverpool.

Senega.—Spot prices are at 11s. per lb. Business continues slow.

Senna.—Steady. Tinnevelly leaves on the spot, offered as follows: No. 1, 9d. to 1s. per lb.; No. 2, 8d. to 9d.; No. 3, 6d.; No. 4, 5½d. to 6d. Tinnevelly pods, handpicked, 10d. to 1s. 4d.; manufacturing, 5½d. Alexandrian pods, handpicked, spot, from 4s. 9d. to 5d. 9d., according to quality; medium, 2s. 9d.; manufacturing from 1s. to 1s. 9d. per lb., Alexandrian leaves, 1s. 2d. per lb., quoted for f.a.g.

SHELLAC.—Spot quotations, ex warehouse London are: F.O.T.N. pure, 342s. 6d.; F.O. Standard 1, 350s.; fine orange, 360s. to 400s. per cwt.

SQUILL.—Italian white is quoted at 62s. 6d. per cwt., spot; Italian red, 84s.

STRAMONIUM.—Hungarian, on the spot, is offered at 105s. per cwt.; Indian, 60s.

STROPHANTHUS.—100 per cent. Kombé is in small supply at 12s. 6d. per lb., spot.

STYRAX. — Supplies on the spot are offered at 7s. 9d. per lb., duty paid.

Tamarinds. — Barbados is quoted at 52s. 6d. per cwt., duty paid.

Tonka beans.—Quiet. Frosted Pará is quoted at 5s. per lb., spot.

Waxes.—Prices generally are Bees'.—Dar-es-Salaam on spot is offering at 360s. per cwt., shipment, 335s., c.i.f. Lindi is quoted 355s. per cwt., spot; 332s. 6d., c.i.f. Benguela is at 360s. per ewt., duty paid; in bond, 325s.; shipment, 300s., c.i.f. CANDELILLA.—Spot quotations are 385s., c.i.f.; shipment, 375s., c.i.f. CARNAUBA.—Easier. Prime yellow on spot is available at 700s. is available at 700s., with shipment quotations at 660s., c.i.f. Fatty grey, 435s., spot; shipment, 390s., c.i.f. Chalky grey, offered at 435s. on spot, and 375s., c.i.f. Montan.—Rather higher prices are being asked and Reibeck is quoted at 320s. per cwt., and Czechoslovak crude at 275s. OURICURI.—9 per cent. on spot is offered at 365s.; 1 per cent., spot, 420s., and shipment, 400s., c.i.f. SPERMACETI.—The market is firmer and spot offers are at 38 9d per lb 3s. 9d. per 1b.

### Essential and Expressed Oils

ALMOND.—Sweet oil (B.P.) is quoted at 8s. 6d. to 9s. Bitter essential oil from 30s. to 55s. per lb., as to quality and seller.

ANISE. — Chinese star, on the spot, in drums quoted at 5s. 9d. per lb.: 5s. 6d.. c.i.f. In tins in cases, quotations are at 6s. 12d. per lb., spot; shipment, 5s. 8d., c.i.f.

APRICOT KERNEL.—Quotations are tending easier at 6s. 9d. to 7s. per lb.

BAY.—Steady. West Indian is offering at 7s. to 8s. 6d. per lb., spot.

CADE.—Prices are from 3s. 9d. to 5s. per lb., according to holder and quantity.

CAMPHOR.—White oil on the spot is quoted at 2s. 9d. to 2s. 10d. per lb., duty paid.

CITRONELLA.—Ceylon in drums is steady at 3s. 9d. to 4s. 3d. per lb., spot; shipment, 3s. 4½d., c.i.f. Java is offered at 8s., spot, duty paid; forward value, 5s. 3d., c.i.f.

Clove.—Quotations for English-distilled bud oil are from 11s. to 12s. per lb.

CORIANDER.—English-distilled is offered at 260s, per lb.

Cubebs.—English-distilled is offered at 55s. per lb.

CUMIN.—English-distilled oil is quoted at 75s. per lb.

DILL.—English-distilled oil is quoted at around 62s. 6d. to 70s. per lb.

Eucalyptus.—70-75 per cent. (B.P.) is offering at 4s. 6d. per lb. for drums, and up to 6s. for smaller quantities; shipment, 3s. 8d., c.i.f.

Garlic.—English-distilled oil is available at 70s. per oz.

GERANIUM.—Bourbon is offering at prices from 57s. 6d. to 67s. 6d. per lb., as to grade.

LAVENDER.—Business slow. French, 38-40 per cent., 23s. to 25s., spot; 40-42 per cent., 25s. to 27s. 6d. Spanish (spike) is steady at 9s. to 11s. per lb., spot.

LEMONGRASS.—Spot supplies are valued at 6s. 9d. to 7s. 6d. per lb., according to holder and quantity; forward, 6s., c.i.f.

Lime.—West Indian is unchanged at from 28s. to 30s. per lb., according to holder and quantity.

Nutmeg.—English-distilled oil is quoted unchanged at from 39s. to 40s. per lb.

PENNYROYAL.—Easier on the spot at from 18s. 6d. to 21s. per lb., according to quantity and grade.

Peppermint.—English-distilled "Mitcham," is quoted at 180s. to 225s. per lb.

Pimento Berry.—English-distilled oil is quoted at 47s. 6d. to 57s. 6d. per lb. and upwards, according to quantity and grade. Vetivert.—Java is quoted at 135s. per

lb., on the spot; Bourbon, 125s. to 145s. Ylang ylang.—Bourbon is quoted at

65s. to 100s, per lb., as to grade and seller.

May 29, 1948

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### TRADE MARKS

(From "The Trade Marks Journal," May 5)

"ESTAX"; for chemical products used in industry (1). By Watford Chemical Co., Ltd., 17 Half

Moon Street, London, W.I. 654,974.
"NUTRIX," "FULVITE" and "NUVITE"; for chemical products used in horticulture and included in this Class (1). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 658,204 and 658,206-07 (Associated).

"ERIOPON"; for chemical products used in the textile industry (1). By J. R. Geigy Société Anonyme, 215 Schwarzwaldallee, Basle 16, Swit-

zerland. 658,543 (Associated).

"Prevelrun"; for chemical substances in crystal form for use in the course of manufacture to prevent laddering in silk stockings (1). Richard Rogard, Ltd., 2 Carlisle Road, Brad-

ford, Yorks. 658,701.
"Genso"; for soap powder (3). By Puro Soap Co., Ltd., Whitehall Road, Leeds, 12. 655,993.
"Afoma"; for soaps, perfumes, non-medicated toilet preparations, essential oils, cosmetics and toilet preparations for the hair (3). By Ambresil Ltd., 31 East Parade, Harrogate, Yorks.

B656,923.
"PAGEBOY"; for toilet preparations for the hair
(3). By Henry Mill, 235 Eversholt Street, Lon-

don, N.W.1. 658,461.

"FETICHE"; for non-medicated toilet preparations, perfumes, cosmetics and soaps (3). By Parfumerie L. T. Piver, 10 Boulevard de Strasbourg, Paris. 658,947.

"WINTROIL"; for larvæcides, insecticides and ovicides, all being oil preparations for agricultural and horticultural purposes (5). By Plant Protection, Ltd., Yalding, Kent. B637,705.
"NUTRINE"; for infants', invalids' and dietetic foods, all being and the statement of the st

foods, all being goods for export to Africa, Mauritius and Madagascar, excluding medicated sweetmeats (5). By Hind Bros. & Co., Ltd., 1188 Umbilo Road, Durban, Natal Province, South Africa. 644,178.

"Luvene"; for sanitary towels (5). By Lax-Vita, Ltd., 66 Victoria Street, London, S.W.I.

646,766.

"TREASURE COT"; for accouchement requisites (5); for surgical supports, etc.; bed pans, etc.; and feeding bottles (10). By the Treasure Cot Co., Ltd., 103 Oxford Street, London, W.1. 648,727

and 648,725 (Associated). "GRIMAULT" and letter "G" in circle (letter "G" disclaimed); for pharmaceutical preparations (5). By Etablissements Rigaud, 51 Rue

François 1er, Paris. B650,855.

"BENTONYL"; for pharmaceutical preparations (5). By Bengué & Co., Ltd., Mount Pleasant, Alper-

ton, Middlesex. 652,026.

"NUTREAST"; for medicinal tonic preparations for human use containing yeast and wheat (5). By John Ashford, Kimlea Estate, Kiambu, Kenya, East Africa. 652,970.

"Morco"; for all goods excluding insecticides (5). By Moore's (Sheffield), Ltd., 8 Granville Street,

Sheffield, 2. 653,547 (Associated).

"RODANTU"; for all goods (5). By Rodmill Chemical Co., Ltd., 49 St. Anne Street, Liverpool, 3, Lancs. 657,771.

"RIS" in distinctive lettering; for vermin-destroying preparations and insecticides (5). By Ratsouris, Ltd., 50 Central Street, London, E.C.1. B655,886.

"Ason"; for medicated douche tablets; "ENDAR"; for medicinal preparations (5). By William Allen, The Green, Barrowfield, Hove, 4, Sussex.

656,578 and 656,580.

"DRINKROIDS"; for pharmaceutical preparations in tablet form for making tonic drinks (5). By W. James Davies (Western), Ltd., North Road, Maindy, Cardiff. 656,641 (Associated). "Perpetuo"; for mothproofing preparations, pre-

parations for killing weeds and vermin, and disinfectants (5). By Peel & Campden, Ltd., 183

Queensway, London, W.2. B657,072.

### COMING EVENTS

### Monday, May 31

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION, Chamber of Commerce Rooms, Hamilton Square, Birkenhead, at 7.40 p.m. Discussion on National Pharmaceutical Union's plan for payment (voting restricted to N.P.U. members).

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, Wellorme Club, High Street, Dartford, at 8 p.m. Dr. G. R. Boyes, B.Sc., Ph.C., F.R.I.C., on "Some Recent Advances in Medicine," and report on Branch Representatives' meeting.

LEEDS BRANCH, NATIONAL PHARMACEUTICAL UNION, Metropole Hotel, Leeds, at 7,30 p.m. Mr. T. Heseltine (a member of the N.P.U. Executive) on "The Ministry's Offer of Terms."

WEST KENT BRANCH, NATIONAL PHARMACEUTICAL UNION, Central Library, Hall, Beckenham, at 8 p.m. Mr. R. H. Kemp on "National Health Service Progress to Date."

#### Wednesday, June 2

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY. Visit to Wellcome Chemical Works, Dartford, meeting at works entrance at 2.30 p.m. Names to Mr. at works entrance at 2.30 p.m. Names to Mr. G. H. Sheard, 267 Princes Road, Dartford (Telephone: Dartford 4110).

FORD, BARKING AND WEST ESSEX BRANCH, NATIONAL PHARMACEUTICAL UNION, Angel Hotel, 109 High Road, Ilford, at 7.30 p.m. Discussion on N.P.U. plan for payment. LEORD.

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY. Competition for Hough, Hoseason trophy and prize at Fixby Golf Club. (Coach leaves Central Station at 1.45 p.m., returns 9 p.m.; fare 8s.).

BRITISH BRUSH MANUFACTURERS' ASSOCIATION, Sun Pavilion, Harrogate, at 10.30 a.m. annual meeting.

Thursday, June 3

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Oak Hall, Baptist Church, College Road, Harrow, at 7.45 p.m. Annual meeting.

BRITISH AROMATIC COMPOUND MANUFACTURERS' ASSOCIATION, 69 Cannon Street, London, E.C.4, at 2.30 p.m. Annual meeting.

CHEMICAL SOCIETY, Royal Institution, Albemarle Street, London, W.I. at 7.30 p.m. Professor L. C. Pauling on 'The Modern Theory of Valency.'

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIA-TION is holding an outing to Llandudno on Thursday, June 24, leaving Woodside at 2 p.m. Applications (cost 198. 6d., including tea and dinner) to Mr. J. W. Waterworth, 224 Bebington Road, Rock Ferry, Birkenhead. 9 1948

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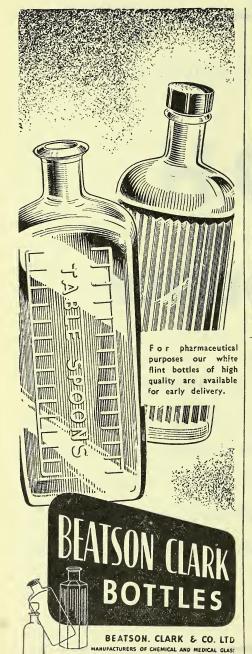
p.m.

Mr. ford **PURCHASE TAX JUNE 1** 

# B.D.H. announce

In order to secure exemption from Purchase Tax, all goods supplied on and after June 1st will comply with the provisions of the Finance (No. 2) Bill 1948 in respect of the labelling of B.P., B.P.C. and N.W.F. preparations. However, certain B.D.H. series of Packed Specialities for counter sale, the labelling of which cannot be suitably modified, will remain subject to tax.

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These cards are impregnated with DDT under pressure.

also I/- powder (cost 8/- doz), I/3 liquid (cost IO/- doz) WICK INDUSTRIES CO. 256 Wick Rd. London, E.9



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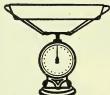
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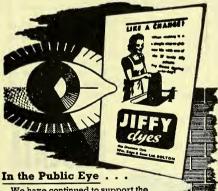
LONDON OFFICE: 105 HATTON GARDEN, E.C.I

Telephone: Holborn 2146

Telephone: York 3021

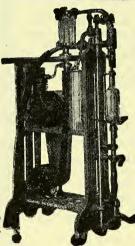
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We have continued to support the retailer by keeping JIFFY DYES always in the public eye. Now that supplies are growing better each day the value of firmly upholding goodwill mu must inevitably show itself. It pays to stock "goodwill" lines.

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Fills all sizes of bottles with Liquids from drachm to quart —long, short or sprinkler neck.

Clean & Rapid No Over Filling **Broken Bottles** Rejected Easy to clean Self Rinsing

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REGULAR TAMPAX No. I Retail: 1/9d. per packet. Trade 15/9d. per dozen packets.

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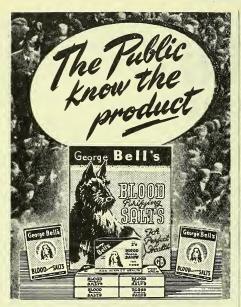
- **OPTREX:** A scientific eye lotion, sterile, and carefully balanced in its ingredients, which is produced under conditions of clinical asepsis. Approved by doctors, oculists and opticians; can safely be used for all eyes, of all ages, at all times.
- **FAMEL SYRUP:** For coughs, colds, influenza and bronchial troubles. Gets to the root of the cough because it contains soluble Lacto-creosote, which goes to the lungs and breathing passages and there destroys the germs.
- ★ OPTULLE: An open-mesh, sterile, non-adherent dressing, impregnated with a special petroleum compound. Mildly antiseptic and non-irritant. Greatly facilitates dressing and re-dressing of burns, septic wounds, indolent wounds, sloughs, varicose ulcers and fractures. Packed in tins, containing 24 pieces, also in continuous strips 5 yards long by 8 inches wide.
- ★ SULPHONA-TULLE: Of outstanding value for treatment of burns, and in other cases where sulphanilamide is indicated. An open-mesh dressing impregnated with an emulsion containing 10% Sulphanilamide. Supplied in a small light compact case. In continuous strips, 5 yards by 3½ inches, ready for instant use.
- ★SULPHONA-CREAM: Sulphona-Cream is supplied in tubes. It can be used as an ointment or applied on a sterile spatula direct to a diseased or injured area, or spread on gauze, linen or oiled silk.

★ Sole Distributors for Optulle, Sulphona-Tulle and Sulphona-Cream:

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PINK, WHITE & BLUE

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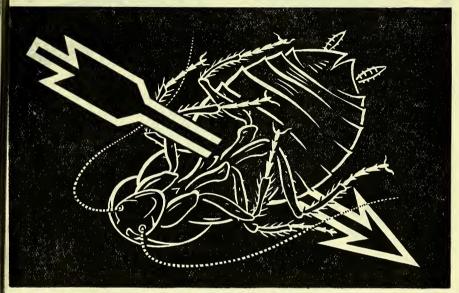
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### THE ANSWER IS COOPER'S

Every Cooper product containing DDT contains the maximum essential concentration of PURE DDT for positive and long-lasting killing action. Each is as efficient as Cooper's Flyspray, which again last year led the field . . . each as scientifically formulated and correctly processed . . . each made to the same high manufacturing standard, by the original British processors of DDT and inventors of AL 63. There's a Cooper product for every household insect pest.

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Once again "Walls that kill flies" is the theme of Cooper's National advertising — because the AMPLE DDT content in Cooper's Flyspray keeps sprayed surfaces fatal for 4-6 weeks to all flies alighting on them. Long-lasting insecticidal action, plus QUICK-KNOCKDOWN and positive kill, wins and keeps customers. One sale made ensures a trade!

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STOCKING (except Black), 16/- gross

CURTAIN & COLD WATER, 24/- gross

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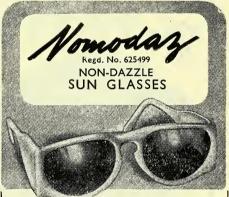
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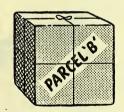


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FLYOL Powder one dozen 10½ size

MOTHOLIN . ½ dozen 3/6 size (0)1 36/4



#### CONTENTS

FLYOL Liquid ½ dozen 2/11 size FLYOL Powder ½ dozen 1/9 size

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Liquid ½ dozen 2/6 size NAPHTOX . one dozen 1/3 size (0)1 38/8

Each line represents outstanding value in its class owing to unchallenged superiority in quality

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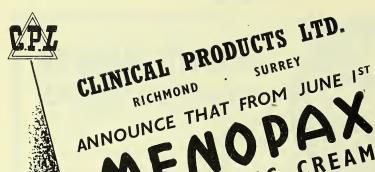
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Prescribed by Doctors, this product is not advertised to the public.



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The more British goods are sold the better for Britain. Bandbox is the biggest selling all-British shampoo on the market — and its sales get bigger every week. Good for bandbox—and good for Britain.

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Subject	Test	Observations	
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> $1/4d. - 5\frac{1}{2}$  oz. bot. - 11/3 doz. 2/2d. - 10 oz. , - 17/4 doz.3/9d. — I pint tin — 30/- doz.

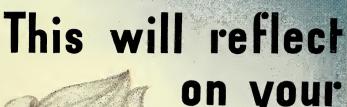
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KILLS THEM OFF!

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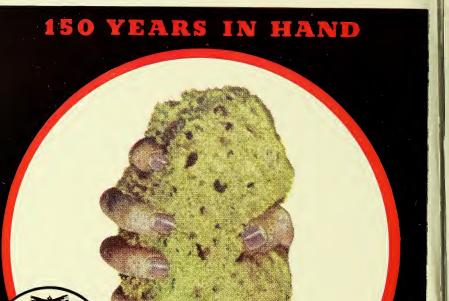
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 Purchase Tax 33½%
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Hot Water Bottles

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" Humpty Dumpty," " Tiny Tot,"
" The Cat and the Find Ide"
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 Retailer's Selling Price
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 Price to Public
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Hot Water Bottles

 Price to Retailer ...
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 Retailer's Profit 42.86% ...
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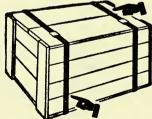
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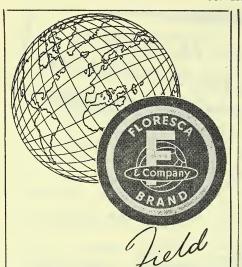
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ESSEX STREET, LONDON, W.C.2

1948

revailing restrictions and heavy demand on space necessitate the holding over of a number of dvertisements week by week. It is therefore advisable to send instructions as early as possible. All evertisements in this section must be prepaid. Box office numbers 2/- extra.

cancies advertised are restricted to persons or ployments excepted from the provisions of the ntrol of Engagements Order, 1947.

#### SITUATIONS OPEN

for 36 words or less, 3d. for every additional word

#### RETAIL (HOME)

RETAIL (HOME)

OMMODATION AVAILABLE. Pharmacist as ager required, capable of taking full charge of old-established business in South London. Two tants kept. Good salary with excellent opporties. Reply Box 3/757.

STANT required, either sex, qualified or unified, for high-class pharmacy. Counter and t dispensing. No Sunday or half holiday duty. se send date free, salary required, age, photo, es of testimonials in the first letter. Fare paid any part of the British Isles or Ireland. mond Smith, 2 Cliff Rd., Newquay, Cornwall, MINGHAM, qualified assistant required for dising duties with first-class firm. Short hours, week-end duty. Adequate salary. Apply Box bl.

MINGHAM.—Qualified and unqualified assistant le or female) required for dispensing and counof middle-class business. No Sunday or holiduties. Apply E. Tranmer, M.P.S., 42 High
et, Smethwick, Birmingham.
NCH MANAGER required immediately. Applinos per return to Superintendent Chemist,
subury Pioneers' Ind. Soc. Ltd., 41 Northgate,

rsbury.
PENSER, for congenial post. Salary according experience. Apply John Keall, Ltd., 6 Nugent r., off Abercorn Place, St. John's Wood.
ERIENCED PHARMACIST required to manage a ness in market town in Hertfordshire. Good se will be made available to applicant with vious experience of this type of business, and to build up neglected dispensing connection.

to build up neglected dispensing connection manency. Apply Box 3/612.

\*\*SINGTON.\*\* Manager required for pharmacy in r-class district. Ability to build up dispensing nection essential. Living accommodation and salarv. Apply Box 3/611.

\*\*K & MOORLANDS\*\* Co-operative Society Ltd. tet fully qualified Pharmacist-Optician as Demental Manager and Buyer. Modern shop. I.C.O. Scale. Annual Sales £13,000. Superation Transfer Scheme. Apply in writing, ng full details to Managing Secretary. Leek & orlands Co-operative Society, Limited, Russell set. Leek, Staffs.

orlands Co-operative Society, Limited, Russell set, Leek, Staffs.

COLN. Assistant, qualified or unqualified, rered for dispensing and counter. Turnover subtial, middle-class business, several counter
tants employed. Apply with usual particulars
look's, Chemists, Lincoln.

NDON. W.C.1. Lady assistant wanted immediy, junior or part-time considered. Experience
advantage, but not essential. Apply, Phillips
rmacies, Ltd., 113 Gt. Russell Street, London,
L.1.

MANCHESTER. Pharmacist, either sex, required for old-established good-class dispensing business. Permanency if suitable. No Sunday duty. Fullest particulars in first letter and salary required to J. S. Breese & Son, Ltd., 191 Wilmslow Rd., Rusholme, Manchester, 14.

MIDDLESEX. A capable pharmacist is required to manage a good-class pharmacy in Twickenham. Good salary to experienced man able to control staff and stock and extend business. Apply Box 3/625.

MIDLANDS. Pharmacist required, age between 30 and 45, to manage a large business with a high-class pharmaceutical connection. Applicants must be able to control staff and have a good knowledge of every side of a Chemist's business. Experience of every side of a Chemist's business. Experience in a similar capacity an advantage, but not essential. Good accommodation available for married man with family. The position is an important one. Therefore, a good salary will be paid to the right man. It is a permanent situation and there is a superannuation scheme. Full particulars in first letter. Applications not answered in one week respectfully declined. Box 3/795.

MIDLANDS. Qualified Branch Manager, Salary £500 p.a. Keen salesman and good dispenser. Progressive, permanent. Refs. and replies to Box 3/739.

NORTH LONDON. Energetic young manager (qualified) wanted for a pharmacy in a northern suburb. Living accommodation available. Permanency with good prospects. Apply Box 3/613.

NOTTINGHAM Co-operative Chemists, Ltd., require the services of pharmacists for new branches shortly to be opened. Permanent positions, eligible for superannuation. Attractive salary. Flat available. Full particulars to The Superintendent Chemist, Upper Parliament St., Nottingham.

ist, Upper Parliament St., Nottingham.

ORRIDGE & COMPANY Employment Agency, 184
Strand, W.C.2. Temple Bar 9212/3. Branches at
Southampton and Birmingham. Enquiries invited
from pharmacists and unqualified persons requiring situations. Many attractive vacancies available.
Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to
employees except registration fee. Apply to 184
Strand, W.C.2. in first instance.
PENZANCE. CORNWALL. Qualified Pharmacist,
male or female. Good dispenser. Easy hours.
J.I.C. Scales. Two recent references. Arthur T.
Opie, M.P.S., 38 Market Place,
SOUTH LONDON. Pharmacist, used to good-class

SOUTH LONDON. Pharmacist, used to good-class family business, wanted shortly to manage branch near the Crystal Palace. No living accommodation, but satisfactory terms offered to capable man. Apply Box 3/610.

STEPNEY, E.1. Pharmacist required to manage a working-class main road business, with brisk counter and heavy N.H.I. Good terms offered to really competent man, including living accommodation in a suburban area. Permanent appointment. Apply Box 3/609.

THE ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LTD., invite applications from qualified pharmacists as branch managers. Permanent and progressive positions. Superannuation scheme in operation. Write for particulars of salary and commission scheme to the Staff Manager, 113 Powis St., Woolwich, S.E.18.

TWO QUALIFIED lady pharmacists required by well-established chemists in the West End. Apply Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Rd., London, S.W.1. Vic., 2204.

TIMOTHY WHITES & TAYLORS have a number of vacancies for managers in the Metropolitan and Greater London area. Applications are invited from pharmacists with managerial experience. Satisfactory conditions of employment, including pensions scheme, available to suitable applicants, Please apply to Mr. W. E. Stokes, M.P.S., 70 Vauxhall Bridge Rd., London, S.W.1.

TIMOTHY WHITES & TAYLORS require a number of pharmacists for relief duties in the Greater London area during the coming season. Short or long periods acceptable. Previous multiple experience not essential. Liberal terms offered. Apply to Mr. W. E. Stokes, M.P.S., 70 Vauxhall Bridge Rd., London, S.W.1.

UNQUALIFIED Counter and dispensing Assistant required. Either sex. Small market town, Southern County. Write stating age, experience and salary required. Box 3/725.

UNQUALIFIED male assistant required. Age 30-35. West End experience preferred. Apply Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Rd., London, S.W.1. Victoria 2204.

WANDSWORTH, S.W.18. Pharmacist required to manage a family business (dispensing) in good-class residential area. Permanent appointment; good salary and conditions. Regret no living accommodation. Apply Box 3/608.

5.W.19. Excellent permanent position available, either now or later, for capable unqualified lady or gentleman dispenser. Congenial post in well-staffed pharmacy. Mainly private prescribing. Good hours and salary offered. Please write for interview. Box 3/720.

#### RETAIL (OVERSEAS)

QUALIFIED ASSISTANT. Progressive firm in Penang requires immediately alert, single, young pharmacist. Knowledge of Optics an advantage. Post offers excellent opportunities for advancement. Salary for first term of service (4 years) \$500.00 per month (£700 per annum). Passage paid out and Home. Apply Ayrton, Saunders & Co. Ltd.. Manufacturing Chemists, Liverpool.

QUALIFIED chemist-optician or optician wanted, for well-established retail business in Southern Rhodesia. Must be qualified optician, preferably F.B.O.A, or F.S.M.C. No man over the age of 35 need apply; preference given to men of 30 years or less. Option to purchase shares in the business after 3-year contract ends. Salary first year £45, second year £47 l0s., third year £50 per month. Expenses paid. C/o P.O. Box 3/752.

ENPOR DISPENSER qualified M.P.S. required by Mulfulira Copper Mines in Northern Rhodesia. Starting salary £720 per annum, plus bonus, pension and cost-of-living privileges, Write for official application form to Mufulira Copper Mines Limited, Selection Trust Building, Mason's Avenue, Coleman Street. London, E.C.2.

#### LOCUMS WANTED

A QUALIFIED LOCUM (male) required for first fortnight in September or nearest. Early Bunn, Ltd., Chemists, 95 High St., Chelmsford, Essex. QUALIFIED LOCUM required, lady or gent. August 9 to September 5. Capable staff. I H. Lincoln, M.P.S., 84 High St., Northfleet, Kent.

LOCUM PHARMACIST, July 19 to August West and Central London. Apply Box 3/713. NORWICH. Locum pharmacist required for depensing department, July 5 to 10 and August to 28. Jarrold & Sons, Ltd., 1 to 7 London Sonowich.

QUALIFIED LOCUM required from June 7 to Ju 17 inclusive, and from August 9 to September inclusive. Must be able to take full charge, no hal day or Sunday duties. Goldthorpes, 10 Powis St Woolwich, S.E.18. Woolwich 0403.

#### WHOLESALE

A RESEARCH PHARMACIST is required for an appointment as chief assistant chemist with a well known company manufacturing proprietary med cines in the North-West. Several products a manufactured for both export and home marke and there is a programme of development world The appointment is permanent and progressive an offers considerable scope for experimental world Write in confidence, giving full defails, to Bo 3/760.

APPLICATIONS are invited by manufacturing chem ists for posts as travelling representatives to cal on professional men and public authorities in the following territory, London and S.E. Counties Consideration given to applicants for other areas Residence on territory and car ownership essential Salary £312 and expenses with commission new business. Please state age, whether married, education and give fullest particulars past experience Box 3/797.

AREA REPRESENTATIVES on commission basis required by manufacturing chemists. Good introduction to hairdressers and chemists necessary. Write stating commission required, present lines carried and references, to Box 3/747.

ASSISTANT SALES MANACEST (male, 25-30) required to undertake technical supervision of manufacture and/or packing of ethical pharmaceuticals. Previous similar experience useful but not essential. Salary according to age, qualifications and experience. Write, giving full details (confidential) and quoting Reference No. 1473 to the Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

ASSISTANT SALES MANAGER for manufacturers of antibiotics. Technical qualifications essential; M.P.S. at least; wide experience of selling ethical pharmaceuticals to home and export markets and in preparation of technical and medical propaganda literature. The successful applicant would be required to take up residence in the Liverpool area, and to travel as required in U.K. and possibly abroad; he should be prepared to undergo a short initial training in the manufacture of the products concerned. Salary according to age, qualifications and experience up to an initial maximum of £1,000 per month with good prospects thereafter for the right man. Box 3/743.

BULK TABLETS AND PILLS. Representative required with good connection amongst the large bulk buyers of these lines. Good remuneration and prospects for the right man. Apply giving fullest details in confidence, to T, H. Walton & Co., Ltd., Batley, Yorkshire.

COMMISSION AGENTS required to sell to chemists and druggists in the North, East Anglia, the Midlands, and the West Country, nationally advertised patented line. Full sales aids, including lists of customers provided. Eneregtic men with proved sales records and good connections should send full details of lines now carried, territory covered, whether car owner and frequency of call on customers, to Box No. 254, Dorland Advertising Ltd., London, S.W.1.

C3MPOUNDER AND DISPENSER required for perfumery laboratory work. Must have good education and M.P.S. qualifications. Age under 38. Apply, Yardley & Co., Ltd., Carpenters Rd., Stratford, E.15. MMISSION AGENTS required to sell two nations established non-competitive lines in several as including Scotland, Midlands and S. Engd. Sales aids, lists of customers, etc. provided, ique lines with high profit for retailers and harate of commission to agents. Applicants assessed all particulars, including area covered, quency of calls, whether car owner and if predet to sell to earn excellent income rather than merely make calls. An outstanding opportunity en to salesmen. Box 3/799.

TABLISHED MANUFACTURING CHEMISTS, mar-TABLISHED MANUFACTURING CHEMISTS, maring well-known advertised proprietaries in pular demand, have vacancies for representates or sole agents with abilities to take over and velop existing connections in the following territies: 1, Kent, Sussex and Surrey. 2, London orth and south of the Thames). 3, Notts, Derby, ics, Lincs and Northants. 4, West Riding of orkshire. 5, Midlands, Highest credentials necesty. Reply in confidence, stating age, experience d territory covered, if car owner. All complete plications will be acknowledged. Apply Sales anager, Box 3/682. anager, Box 3/682.

PERIENCED PRODUCTION MANAGER required Benger's, Ltd., for their factory at Holmes hapel, Cheshire. Age 30-40. Applicants must have lapel, Cheshire. Age 30-40. Applicants must have eviously held responsible managerial positions in e food and/or pharmaceutical industry. Position permanent and pensionable. Commencing salary bout £1,000, according to experience nad qualifitions. Applications to Managing Director, Benr's, Ltd., Holmes Chapel, Cheshire.

r's, Ltd., Holmes Chapel, Cheshire.

RST-CLASS representative required for Yorkshire, urham and Northumberland. Must live centrally the teritory, be under 40 and well known to be pharmaceutical trade. Salary, commission, car lowance, railway fares and hotel expenses. This a congenial and permanent post for the right an but please do not apply unless you can easure up to the above requirements. Write, lies Director, Scott & Bowne, Ltd., Winchester ouse, Old Broad St.; London, E.C.2.

iGH COMMISSION and full expenses offered to presentatives in London, Yorkshire, North Wales, taffordshire, Shropshire, Herefordshire, Eire and outh-Eastern Counties, for advertised product. Box

IBERAL COMMISSION paid for selling high-class effumes. State area to be covered. Permanency n results. Apply British Products, 55 Eastern splanade, Southend-on-Sea, Essex.

ONDON FIRM of wholesale and export chemists aving wide and varied range of drugs, chemicals, mpoules and tablets for prompt delivery require ravellers (on commission) with established connection amongst large buyers. Write full details, stating erritory covered, to Sales Manager, Box 3/792.

4ANUFACTURER of nationally advertised perfumes nd cosmetics has a few vacancies for additional ull time representatives in the North-East and didlands. Remuneration will be by salary, commission and expenses. Applications, stating age, experience, qualifications, etc., will be treated in onfidence, and should be sent to Box 3/773.

MANUFACTURERS with progressive and virile olicy, fully alive to trade requirements, invite applibolicy, fully alive to trade requirements, invite applications from representatives and sole agents seeking square deal, generous recompense and ample cope in return for skilful, conscientious service. Areas vacant: 1. Kent, Sussex, Surrey, Hants. 2. Midland Counties. 3. Eastern Counties. 4. West Country. 5. Wales. 6. Beds, Bucks, Herts, Northants, Berks and Oxford. Fullest details in confidence, including age, territory, if car owner, frequency of calls, method of remuneration preferred, etc. Box 3/750.

ONE LONDON, one Home Counties traveller required by large general wholesalers for their toilet and fancy goods department. Car owners. Salary, commission, expenses. Particulars, a/c's, experience, connections, etc., Sales Manager, Box 3/785.

# SALES MANAGER

Advertisers marketing a new and attractive line require Sales Manager. The appointment is an interesting one and will be progressive.

Applicant must have proven record of successful selling to leading Wholesale and Retail Buyers.

Sound executive experience, specialized knowledge of marketing, selling and distribution through the Chemist Trade, Chain Stores and Allied Fields essential.

The position offered is a permanent one with unlimited scope. A good salary will be paid to the successful applicant.

Please reply giving full details of qualifications and experience, which will be treated with the strictest confidence.

#### STANLEY H. SIMS & PARTNERS Ltd.

40/44 CLIPSTONE STREET **GREAT PORTLAND STREET** MOGMOL

OPENING AVAILABLE for salesman for national cosmetic house on salary, commission and expenses, for each of the following areas: Glasgow and for each of the following areas: Glasgow and South-West Scotland; Edinburgh and Borders; East Scotland from Fife to Inverness; West Lancashire and East Lancashire, including Cheshire; Yorkshire; Northern Ireland. Apply, stating age, experience, connections, etc., to Box 3/753.

REPRESENTATIVE required for nationally advertised medicinal product for (1) Liverpool, N. Wales, and Cheshire, and (2) West Riding. Salary, commission and expenses. Prospects for right man. Write, Box A.C. 29746, Samson Clark's, 57-61 Mortimer St. W.I.

REPRESENTATIVE on commission terms, required for Midlands, to call on manufacturing chemists, wholesalers, hospitals and local government departments, offering pills, tablets, lozenges, capsules,

wholesalers, hospitals and local government departments, offering pills, tablets, lozenges, capsules, suppositories and ampoules, manufactured by oldestablished company. Must have present well-established connection in this trade, and preferably be a pharmacist. Write Box 3/716.

REPRESENTATIVES required throughout Great

a pharmacist. Write Box 3/716. REPRESENTATIVES required throughout Great Britain calling on chemists, large stores, etc., to introduce new electro-therapy appliance, on commission. Box 3/740. REPRESENTATIVE required in Scotland, Wales, West country and East Coast, to offer packaged cotton wool to Co-ops and departmental stores. Remuneration by commission. Only men with sound connection need apply, with fullest details, to Managing Director, Box 3/749. REPRESENTATIVES offered exclusive territories on

nection need apply, with fullest details, to saminaging Director, Box 3/749.

REPRESENTATIVES offered exclusive territories on commission basis, various parts of England and Wales, by distributors of pharmaceutical lines, beauty aids, etc. Send full details, areas covered. Box 524, Arthur S. Dixon, Ltd., 229 High Holborn, London, W.C.1.

REPRESENTATIVE required for cosmetic and herbal lines. Commission basis only, Established con-

lines. Commission basis only. Established connections preferred. Box 3/746.

REPRESENTATIVES wanted for liquid shampoo, S.E. London, South, West and Midlands. Proved repeat line. Small salary and commission. Box 3/718.

REPRESENTATIVES required in all areas with the exception of Berks, Bucks Oxford, Beds, Herts, to carry proprietary on commission basis. Good

to carry proprietary on commission basis. Good selling line. Applicants must have well-established connections. Write Box 3/778.

REPRESENTATIVES for London and suburbs, Devon, Somerset, the Midlands, Wales, Norfolk and Suffolk and Essex required to sell additional lines of popular perfumery and toilet brushware; good commission basis. Box 3/796.

REPRESENTATIVES calling on chemists required by manufacturers of high-class pharmaceutical products (quick selling lines). State area covered and kind of lines carried. Box 3/705.

REQUIRED, a representative for Bradford, Leeds and Sheffield districts, to take over an existing connection of a firm of wholesale manufacturing chemists. State age, experience and salary required, and if M.P.S. Must live on the ground. Apply

Box 3/755.

REQUIRED. Representatives for the following territories: (1) Kent, Surrey, Sussex; (2) North London; (3) Wales. Beaucaire Laboratories, Vauxhall Grove, S.W.8.

SALESMEN wanted all areas for nationally known brand of cosmetics. Write full particulars, Box No. B.M., Mayfair Advertising, Ltd., 18 Thurloe Place, London, S.W.7.

SALES MANAGER/REPRESENTATIVE, able to take over and expand existing connections and handle representatives wanted by wholesale chemist sundriesmen; excellent opportunities for capable, enterprising man. All replies treated with confidence. Box 3/793.

Box 3/793.
SALES MANAGER. Applications are invited by the manufacturers of a nationally advertised product with distribution amongst chemists, hardware mer-chants, grocers and general stores for the post of sales manager. Applicants must possess the ability to develop sales on national lines, together with a sound knowledge of administration. The position offers considerable scope for a man with exceptional drive and capacity for hard work. Write, giving full details of age, qualifications and experience, to the Managing Director, Box 3/742.

SALES REPRESENTATIVE. Required, a young and energetic pharmacist who is interested in a career with a prominent and nationally known firm of manufacturing chemists, to take over and develop established connection with retail chemists in South London area. This programming the production of the produ London area. This progressive appointment carries an excellent rate of remuneration including salary, commission and expenses. Replies, giving full particulars of experience, age and qualifications, to Box 3/779.

SOUTHERN COUNTIES. Well-known toilet pre-parations house has established connection vacant SOUTHERN COUNTIES. for representative calling upon hairdressers, stores, and chemists. Wholetime, salary and commission. Must be resident in South. Apply, giving full details, Box No. G.A. 442, 4/7 Salisbury Ct., Fleet

details, Box No. G.A. 442, 4// Salisbury Gu, St. E.C.4. SPONGES. Travellers/representatives calling chemists, stores. Co-ops., hairdressers, wanted all areas, Commission only. For particulars, write Box 3/664. STOCKTAKING. We have a vacancy for an educated young man, willing to learn, and used to typewriting, preferably with general knowledge of chemists' trade, but not essential. Splendid opportunity for advancement. Barnes & Jarratt, Chemists' Valuers, 4 Charlwood St., Victoria, S.W.I. Phone Vic 5686.

The British Drug Houses, LTD., invite applications from pharmacists to fill vacancies on their medical representative staff. The territories concerned include N.W. England, Southern England (Hampshire, Berkshire, etc.), N.E. London and the Eastern Counties. Previous training is not essential, but applicants should be keenly interested in therapeutics and modern trends in medicine: in therapeutics and modern trends in medicine; they should be of good address and have a pleasing personality. Apply by letter, civing full details to the Personnel Manager, REF./AS, The British Drug Houses, Ltd., Graham St., London, N.1.

TABLET MAKER, experienced in handling sing with punch machines required by firm of manufacturi chemists in North London area. 5-day week. Plea at 10 write, stating age, experience and salary require in

write, stating age, experience and the body of the bod

of Kirkstall Hill, Leeds, require a competent presentative to call upon retail chemists in the South of England territory. Applications are invited, which should state the usual details, in cluding experience and salary expected.

TRAVELLER calling upon chemists, etc., prepare to handle glass bottles and jars on terms. Communicate with Box 5/789. on commissio

WANTED by old-established cosmetic manufac turers' representatives already carrying non-come districts, except Scotland, Yorkshire, Cornwall beyon, Somerset and Gloucestershire. Write, Bo. at 3/710.

#### WHOLESALE (OVERSEAS)

ASST. WORKS CHEMIST for pharmaceutical manu-ASSI. WORKS CHEMISI for pharmaceutical manufacturing company in Bombay. Pharmacist or B.Sc., with manufacturing experience, 3 years' agreement, first-class passage. Liberal terms. Provident fund. Age between 24-30 years. Excellent prospects to man with initiative and energy. Managing Director now in London. Applications with full particulars to

SINGAPORE. SINGAPORE. A well-known firm of chemists, wholesale and retail, requires a pharmacist, aged 30 years and unmarried, for a responsible post which provides excellent opportunities for advance-ment. Good starting salary with regular increases and a four-year contract. Passage paid out and home, and generous leaves. Managerial experi-ence and knowledge of bulk stock control an ad-vantage. Apply with usual particulars, to Box 3/751.

#### SITUATIONS WANTED

3/- for 18 words or less, Id. for every additional word

#### RETAIL (HOME)

PHARMACIST, 42, experienced, desires post as manager with interest, partnership or succession, coast or country preferred, but not essential. If away from London, living accommodation essential. Box

3/744.

PHARMACIST (38), married, with two children, experienced in both private and multiple management, requires position with good living accommodation in South or South-East England. Please reply with the usual particulars, to Box 3/723.

REQUIRED SHORTLY by M.P.S. (woman) middleaged, part-time or easy job. Accommodation needed unless Bristol. Box 3/737.

STOCKTAKING, quiet and efficient workmanship, over 30 years' practical experience. Personal supervision. C. W. Playfoot, 8 Aylward Rd., Merton Park, S.W.20. Tel. Liberty 4104.

YOUNG MAN, 19, seeks apprenticeship in goodclass pharmacy in London. P. F., 26 Ranelagh Gdns., S.W.13.

Gdns., S.W.13.

#### LOCUMS SEEKING ENGAGEMENTS

**DISPENSING ASSISTANT**, Hall Certificate, hospital experience, desires locum situations, June and July. Box 3/738.

#### WHOLESALE

A SALES MANAGER, well known to the leading buyers seeks appointment. Specialised knowledge of marketing proprietary and toilet preparations. Good organiser, linguist and widely travelled. Box

29, 10

nast way Box

38

NERAL MANAGER with good experience of inufacture and all aspects of sales, publicity, extrand general administration of company procing toilet preparations; cleansers; disinfectants, secticides and kindred products, seeks change. Box 764.

YOU ARE NOT SATISFIED with your present es organisation and wish to extend the scope your business in home and overseas markets, u are invited to write Sales Manager, with wide

u are invited to write Sales Manager, with wide perience in marketing cosmetics, proprietary, edicinal products, etc. Box 3/767.

EPRESENTATIVE (35), keen, enthusiastic worker, sires change. Wishes to join reputable house for ancashire area. Driver, excellent connection, alary, commission, expenses. Box 3/722.

EPRESENTATIVE, now with manufacturing chemidesires change; wishes to join reputable and ell-established firm. London or South. Salary, penses and commission. Box 3/626.

EPRESENTATIVE, first-class, with excellent conection chemists' departmental stores, London and fiddlesex, desires change with firm of repute. Ighest references. Salary, commission, expenses. ox 3/771.

COTSMAN (24), seeks change of position. Student f Institute of Export and Incorporated Sales Mangers' Association, ex-Lt., R.N.R., would accept osition in sales or export department, home or broad. Connections with chemists and professional nen in central and N.E. Scotland. Good know-dee of French, export practice and sales. Box /727.

JNQUALIFIED, wholesale and retail, also office xperience, wants berth with wholesale, S.W. pre-erred. Box 3/745. 
VORKS MANAGER, stock controller, excellent or-aniser, all-round experience, production, buying, taff control; used to working on own initiative. Box 3/724

#### **APPOINTMENTS**

#### PHARMACIST REQUIRED

To act as dispensing assistant in a busy institutional and hospital dispensary. Salary £370, rising by four annual increments of £15 and a fifth increment of £20 to a maximum of £450 p.a. Apply in writing as soon as possible, giving full partculars with copies of recent testimonials to the Secretary, G.W.R. Medical Fund Society, Milton Rd., Swindon, Wilte

#### DISPENSING ASSISTANT

Unqualified, required for a busy institutional and hospital dispensary. Wages £300 p.a., inclusive. Superannuation scheme in operation. Apply in writing with copies of recent testimonials to the Secretary, G.W.R. Medical Fund Society, Milton Rd., Swindon, Wilts.

MIDDLESEX COUNTY COUNCIL
WEST MIDDLESEX COUNTY HOSPITAL,
ISLEWORTH, MIDDX.
(a) ASSISTANT PHARMACIST, J.N.C.
(Hosp. Staffs) scale, £370 p.a. £450 inclusive. Similar experience may determine commencing salary. Must hold one of Pharmaceutical Society's qualifications. Whole-time duties under Medical Director and Chief Pharmacist. Estables. lished, subject to medical exam.
(b) LOCUM PHARMACIST required, immedi-

ately, for an indefinite period. Salary 8-10 guineas inclusive, according to experience. Applications to Medical Director of Hospital, stating age, qualifications, experience, with up to three recent testimonials (quoting D.570 CD). C. W. RADCLIFFE, Clerk of the County Council.

Middlesex Guildhali.

## MIDDLESEX COUNTY COUNCIL

MIDDLESEX COUNTY COUNCIL

REGISTERED ASSISTANT PHARMACIST
for NORTH MIDDLESEX COUNTY HOSPITAL, Edmonton, N.18. J.N.C. (Hospital
Staffs) Scale. £370 to £450 inc. Similar experience may determine commencing salary.
Whole time, established, pensionable, subject
to medical examination. Applications, stating
age, qualifications, experience, with copies of
up to three recent testimonials, to MEDICAL
DIRECTOR of Hospital immediately (quoting
D.591). No forms.

C. W. RADCLIFFE,
Clerk of the County Council.

#### MIDDLESEX COUNTY COUNCIL

REGISTERED ASSISTANT PHARMACIST required 2t HAREFIELD COUNTY HOSPITAL, Harefield Middx. J.N.C. (Hosp. Staffs) salary £370-£450 p.a. inclusive. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Wholetime, unestablished, possible establishment, subject to medical examination. Application, stating age, qualifications, experience; with copies of up to 3 recent testimonials, to MEDICAL DIRECTOR at Hospital, IMMEDIATELY (quoting £.146 CD).

#### REDHILL COUNTY HOSPITAL. EDGWARE, MIDDLESEX.

REGISTERED ASSISTANT PHARMACIST required. J.N.C. (Hesp. Staffs) salary £370-£450 p.a. inclusive. Similar experience may determine commencing salary. Whole-time, determine commencing salary. Whole-time, established, pensionable, subject to medical examination. Application, stating age, qualifications, experience, with copies of up to three recent testimonials to Medical Director of Hospital immediately (quoting D.815 CD). No forms.

#### **ROYAL INFIRMARY, BRADFORD** (498 beds).

ASSISTANT PHARMACIST required. Salary in accordance with Joint Negotiating Committee scale commencing at appropriate point. Applications with age, qualifications, and not more than three testimonials, to the House Governor.

#### KENT COUNTY COUNCIL

Applications are invited for the following appointment at the Willesborough Hospital, Nr. Ashford:—

PHARMACIST (M.P.S. or Ph.C.) either sex. Should have had not less than three years' hospital experience after qualifying. Salary £420 per annum, rising by five annual increments of £15 to a maximum of £495 per annum.

Private accommodation in the Sisters' Home can be offered to a female candidate, for which a charge of 25s. a week would be made.

Superannuation. Medical examination neces-

Applications, stating age, qualifications, experience, and the names and addresses of two responsible persons to whom reference made as to professional ability, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS Clerk of the County Council.

County Hall, Maidstone. April 28, 1948.

#### KENT COUNTY COUNCIL

CHIEF PHARMACIST
Applications are invited for the following appointment at the COUNTY HOSPITAL, CHATHAM

CHIEF PHARMACIST (M.P.S. or Ph.C.) (either sex. Should have had not less than three years' hospital experience after qualify-

ing. Salary £485 a year by five increments of £20 to £585 a year. Superannuation. Medical examination necessary.

Applications, stating age, qualifications, experience and the names and addresses of two responsible persons to whom reference may be made as to professional ability, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS,

Clerk of the County Council.

County Hall, Maidstone. 8th May, 1948.

### ROYAL EASTERN COUNTIES INSTI-TUTION FOR THE MENTALLY

Applications are invited for the post of Senior Assistant Pharmacist. Salary £415 to £490 per annum. Similar experience may determine commencing salary. Knowledge of photography desirable. If married house will be provided. Apply Medical Superintendent, Central Office, Abbeygat House. Colchester. Abbeygate House, Colchester.

#### SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at ST. HELIER COUNTY HOSPITAL, CAR-SHALTON.

Commencing salary on grade £370 x 15— £430 x 20—£450 p.a. inclusive. Applications in writing, stating age, qualifications and experience, with copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the

SURREY COUNTY COUNCIL

SURREY COUNTY COUNCIL
BROOKWOOD MENTAL HOSPITAL,
KNAPHILL, WOKING, SURREY
Applications are invited for the post of
ASSISTANT PHARMACIST at the above
Hospital. Candidates must hold the M.P.S.
qualification. The salary is £370, rising by
four annual increments of £15 and one of
£20 to the maximum of £450 per annum. The #20 to the maximum of #490 per annum. The appointment, which is terminable by one calendar month's notice on either side, is subject to the provisions of the Asylum Officer's Superannuation Act, 1909, and to the County Council's Staffing Regulations, and the successful candidate will be required to undergo a medical examination. Applications, stating age and previous experience, together with copies of three recent testimonials to be sent to the Physician Superintendent Brookwood Hasnital Physician Superintendent, Brookwood Hospital, Knaphill, Woking, Surrey, as soon as possible.

#### **AGENCIES**

17/6 for 36 words or less, 4d. for every additional word AGENTS wanted all over the country calling on wholesale chemists, Co-ops., grocers and sundries-men to carry additional nationally advertised lines, men to carry additional nationally advertised lines. Commission basis. Write, giving area covered, and rough details of present lines carried, to Box 3/280. COMMISSION AGENTS required to sell Eclipsol toilet preparations and ointments in Wales, Midlands and areas in Southern England. Full particulars to Eclipsol, Box 226, Bristol, 1.

O'D-ESTABLISHED London drug house has agency or part-time representation to offer in South Wales. Captlagen with good connection and carrying non-

Gentlemen with good connection and carrying non-clashing lines invited to reply to Box 3/735.

OLD-ESTABLISHED London house of manufacturing chemists and druggists wishes to appoint a firm as agents to call on retail chemists in Scotland The products to be offered, in addition to a widerange of bulk drugs and medicines and packet pharmaceuticals, include nationally advertised specialities. Any firm interested, having a sale staff calling on Scottish chemists, should write to Box 3/7/2.

Box 3/7/2.

MEPRESENIATIVES required in all areas, calling or chemists, hospitals, etc., to carry self-repeating, reputable surgical sundries. 10 per cent. commission on direct and indirect orders, plus bonus payable quarterly. Write, giving particulars of territory required. Box 3/787.

SOLE AGENIS WANTED in all counties north of Warwickshire, to call upon chemists, Co-ops., grocers and confectioners. Good selling lines. Exsisting accounts will be transferred. Commission only. Only men who are willing to earn big money need apply. Box 3/758.

TEESDALE WORKS, LTD., 14 Whitecross Place, Wilson St., London, E.C.2, are producing a fast selling and cheap line of drinking straws in packets and require the services of an agent or distributing

and require the services of an agent or distributing concern who will sell part of output on a commis-sion basis or on their own behalf at a special price.

#### BUSINESSES WANTED

8/6 for 36 words or less, 3d. for every additional word PRIVATE PHARMACIST requires old-established business (would consider drug stores), with annual turnover not less than £8,000. Within 100 miles of London. Ample capital available. Genuine inquiry by independent young pharmacist. All replies strictly confidential. Box 3/721.

#### BUSINESSES FOR DISPOSAL

CHEMISTS' SUNDRIESMAN and druggist in very busy town near London. Established 1926. Owner retiring. Present turnover about £50 weekly. Inclusive rental £2 per week. Double-fronted, lockup shop in centre of town. Estimated value of stock £2,000. Price includes a fully furnished semi-detached house, newly decorated (freehold) containing 4 bedroms, drawing room, dining room, kitchen, scullery, bathroom, I & O lavatory. Vacant possession on completion. Price £5,500. Write Box 3/782. For SA E. Toilet and drug store, East London district; main road. Fitted as chemist. Good N.H.I. and private dispensing under late qualified owner. Average present takings £40 per week. Scope for double. Fine opportunity for chemist willing to work. Low overheads. No living accommodation. Price, including stock approx. £500, all at £1,350. Box 3/766. HIGH-CLASS toilet business returns approaching £800 per week. Spacious premises. Excellent stock. Prospective purchasers with approximately £50,000 capital at command may apply for details, supplying a banker's reference in the first instance. Box 3/732. MIDLAND TOWN. Busy main road, suburban pharmacy with lare N.H.I. potential. Good-class trade. Excellent freehold modern premises with extensive storage space and delightful living accommodation. Substantial mortgage available. Box 3/734. MAIRN, MORAYSHIRE. Old-established business 8/6 for 36 words or less, 3d. for every additional word

3/794.

MAIRN, MORAYSHIRE. Old-established business with shop belonging to the late Mr. William D. Paul, M.P.S. Central position in main street. Excellent opportunity for energetic young man. For particulars of business and property, which consists of shop, apply to A. C. Morrison & Richards, Advocates, 18 Bonaccord Cres. Aberdeen.

drug store business for disposal; main road. Turnover averages £60/£70 per week. Possible living accommodation; double-fronted shop. Lease 20 years to run. Present rental £100 per annum; also lending 'ibrary conducted. For further particulars, apply Parkin S. Booth, Kimberley House, Holborn Viaduct, London, E.C.1.

LSE HILL-HERNE HILL. Excellent chemists' busiss with scope for optics. Owner going abroad. st year's turnover £4,400. Goodwill, etc., 600, s.a.v. (approx. £660). £2,250 for lease of mises with good living accommodation, unexed term 78 years. Ground rent £18 p.a. (or ght let at £160 p.a. exc.). Apply G. Mann & 1463 London Rd., Norbury, S.W.16. Pollards

#### **BUSINESS OPPORTUNITIES**

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PACITY AVAILABLE for tablet packing in tubes,

ttles or cartons. Apply Box 3/736. AVE YOU A PRODUCTION PROBLEM? ConsultProduction Engineer will give confidential
vice on problems arising from the manufacture
all types of household and toilet preparations.
ecialist in the production of synthetic detergent
blets and powder. W. J. McConnell, 97 Venner
L. S.E.26. Tel. No. Syd. 5620.
ANUFACTURING CHEMISTS
ANUFACTURING CHEMISTS have facilities availle for the manufacture and/or packing of toilet,
edical and domestic products into bottles, pots,
xes, or tubes, and can dispatch the same direct
retail custemers if desired. Box 3/518.
ANUFACTURING Specialising in standard saccharin
blets have facilities for making and packing 10
llion tablets per week. Saccharin powder and
cking materials to be supplied by applicant. Box
784.
ANUFACTURING CHEMISTS have facilities and

ANUFACTURING CHEMISTS have facilities and ace available for the manufacture, packing and titing of donestic, toilet and industrial products. ank Macowal, Ltd. 30 Loughborough St., E.11. Tel.: Reliance 3435.

PORTUNITY occurs to acquire a major part of e ordinary share capital in a young expanding emical concern with large factory premises and the great potentialities. For further information, bly to Box 3/748.

BLETS. A well-known food manufacturing communication and the statement of the statem

ABLETS. A well-known food manufacturing common have available tableting capacity. Large quanties can be handled quickly and efficiently under regenic conditions. Complete packaging can be ranged if required. Inquiries to Box W.731.

Addons'. Salishurv Sq., London, E.C.4.

WO EXECUTIVES with experience covering all nases of production, research, administration, les, export and publicity, seeks new openings intly or separately or backing for formation of vn company. Box 3/765.

ELL-KNOWN Manufacturing Chemists have available manufacturing capacity and could handle adtional lines. Hygienic conditions, facilities to experiment, produce and pack. Write to Box 3/628.

#### MISCELLANEOUS SALES

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CCEPT BEST OFFER. 3 gross approx., 1/9 Reuest lather shaving cream in perfect condition.
eys. Ltd., Ryhope, Sunderland, Durham.
MPDULES. Owing to closing down of our amoule dept., we are offering the whole of the
nuipment, including glassware, for the manufacure of ampoules. Full details on application to
ales Manager, Box 3/730.

OTTLES, surplus stock of 10-oz. and 16-oz. medials and panels. Box 3/762.

OTTLES, amber tablet, round and neutral vac-

OTTLES, amber tablet, round and neutral vac-ines, surplus qualitities for immediate sale. Some uantities with metal caps. All new. Write Box

OTTLES. Surplus stock, 2, 3, 4, & 6-oz. Plain lats, 6 oz. Hair Cream: Jars, 6 oz. Deep Amber anel Flats, all complete with screw caps. Woods, vke Works, Cleckheaton. Phone 86.

ALCIUM LACTATE. Offers invited for approximately 10 cwt. part or whole. Box 3/788.

BOTTLES. Fine quality 6-oz. bevelled flats,  $\frac{n_0}{16}$ " hole, suitable for hair cream; bakelite caps with pure cork wads, up to 300 gross. Sample and price on application. Also 80-oz. winchesters. Ilex Supply Co., 252B Gray's Inn Rd., London, W.C.1. Terminus 3876.

COMPLETE tablet making unit, Manesty, for sale. comprising, granulator, mixer, grinder course, grinder fine, tablet machine type "E". A.C. motors 400/450 a.c. 3-phase. The whole is in perfect condition and has been very little used. Sales Manager, Box 3/729.

DRUGS, chemicals, ampoules, tablets. Large surplus stocks available at low prices. Send for list to Sales Dept., Box 3/728.

DUSTING POWDER, Approximately 6 tons for dis-

DUSTING POWDER. Approximately 6 tons for disposal owing to business closure; zinc oxide 40%, boracic acid 20%, koalin 38%, talc 29%. Suitable for perfuming. Purchase tax paid, Samples on request. Offers, whole of part. Box 3/756. FOR DISPOSAL. Small surpluses amyl, benzyl, methyl salicylates, benzyl acetate and benzoate. Box 253 c/o George Murray (Advertising), Ltd., 184 Strand, London, W.C.2. FOR DISPOSAL, the following surplus. Holland Adelphi disintegrator, without motor, but complete with hopper, etc., 2 Jackson & Crockett fillers, 1 Holland mixer, without motor. Gardner size "D'" mixer, geared for motor. Also size "E" combined sifter and mixer. Box 3/726. FOR SALE at low prices, white glazed ointment nots with lids, various sizes ranging from \(\frac{1}{2}\)-oz. Particulars and quantities on application, to the Secretary, Numol, Ltd., Elswick Rd., Newcastle-on-Tyne, 4. FOR SALE. Considerable quantity of unused printed talcum powder tins, round sprinker top, 21% 21% 23%

printed talcum powder tins, round sprinkler top, 22/6 per gross, and lever lid tins,  $2\frac{1}{2}$ " x  $3\frac{1}{2}$ ", 15/- per gross. All suitable for gummed label, or arrangements can be made for respraying. Apply Box 3/714.

FOR SALE. Supplies of imported fruit juices; 65% sugar 35% pure juice. Box 3/775.

FOR SALE. Quantity 1 oz. vial type bottles. Box

GLYCERYL MONOSTEARATE. Reasonable quanti-ties available, prompt delivery. Box 254 c/o George Murray (Advertising), Ltd., 184 Strand, London,

W.C.Z.
IMMEDIATELY AVAILABLE, 200 gross 1-oz. cork
mouth bottles. Open to offer. 3/777.
MANUFACTURERS have for disposal, 20 gross,
brand new, 80 oz. cork mouth winchester bottles.
Price to clear, 139/11d. per gross, ex works. Box
2/74/1

3/741.

NOW AVAILABLE, immediate delivery, Pool White 30 mineral oil, in approximately 40-45 gallon drums, price 5s. per gallon ex wharf, London. Box 3/64s. PRECIPITATED CALCIUM carbonate (precipitated chalk). 6 tons at £7 per ton; also 2 tons B.P. light at £17 ton. Ceresine wax, white, 125/130 m.p., one ton at £112. Write Box 3/780.

QUANTITY OF SURGICAL dressings in various sizes offered at reduced prices for quick disposal. Immediate delivery. Write H., Box 257, c/o George Murray (Advertising), Ltd., 184 Strand, London, W.C.2.

W.C.2.

SCREW CAPS, ETC. Ex stock. 700 gross 14 mm., bakelite. 750 gross 25 mm., tinplate white/E. 500 gross 22 mm., tinplate, green/E. 600 gross 24 mm., tinplate white/E. 2,000 gross 25/26 mm., deep, tinplate white/E. 400 gross 28 mm., tinplate white/E. 60 gross 30 mm., tinplate white/E. 250 gross 37 mm., tinplate odd/L. 50 gross 50 mm., tinplate white/E. 100 gross 1-oz. aluminium ointment boxes. 100 gross 2-oz. tinplate gold/L ointment boxes. Write Box 3/791.

SOAP TABLET HAND STAMPER, complete with dies, for producing guest size tablets. Ozonol Laboratories (1930), Ltd., 7-9 New Wharf Rd., King's Cross, N.1.

SURPLUS stocks for disposal. 20 gallons best quality English pressed almond oil, 10 x 40 gallon drums technical white oil Pool 30, best quality, 3½ cwts. yellow petroleum jelly. No reasonable offer refused. Box 3/769.

SURPLUS STOCK. 100 gross 1-oz. round jars, with metal caps, 16/- per gross. 100 gross ½-oz. sprinkler bottles with bakelite caps, 19/6 per gross. 100 gross 4-oz. round sprinkler tins, 16/- per gross. Box 3/731

3/731.

SURPLUS STOCKS available of new tablet bottles, ampoules, pots, limes, poisons, winchesters, medicals, pomades, kalis, etc. Samples sent on request. Offiers to Box 3/708.

SURPLUS. Triple pressed stearic acid, glycerine, B.P., ground nut oil fatty acid, white earth wax, B.P., 135/40° for sale. Also soda ash and crex. Box 3/786.

SURPLUS. Sulphonated lauryl alcohol paste. Highest concentration. Write Box 3/770.

TRIETHANOLAMINE, monoethanolamine, diethanol-TRIETHANOLAMINE, monoethanolamine, diethanol-

est concentration. Write Box 3/770.

TRIETHANOLAMINE, monoethanolamine, diethanolamine. A few drums available surplus to requirements at market price. Also supplies of pentaerythritol. Write Box 3/715.

25 GROSS of 6-oz. bow panel medical flats, with black bakelite screw caps. Best offer buys. Reply Box 7/733.

Box 7/733.

100 TONS exceptionally fine, clean, dry precipitated chalk. F.O.R. near London. Sample submitted. What offers? Box 3/798.

120 GROSS coloured plastic viscaps; 5 gross ½-lb. slip lid tins; 40 gross cardboard boxes 3" x 3½ x 3" deep. 1 cwt. synthetic beeswax. 30 galls. liquid cleanser.

150 gross peg top caps with rubber liners. 5 gross vaseline jars with caps, 2-oz. approx. Offers invited. Box 3/781.

#### FOR SALE

8/6 for 36 words or less, 3d. for every additional word

FOR SALE. Surplus lactose, phenacetin and glycerin. What offers? Box 3/768.

OVER 100,000 ASPIRIN phenacetin tablets, 5-gr., yellow coloured, £20 the lot, ex warehouse. Esco (Rubber), Ltd., 99 Kingsland High St., London È.8.

E.8. TABLET COMPRESSING machines, single punch, as new; battery of three or single units. Will tablet up to \$\frac{2}{3}"\ dia. No reasonable offer refused. Space urgently required. Three Crowns Tablet Co., 21 Derringham St., Hull.

3 ELECTRIC INHALING apparatus and 3 amazone basins with fittings. Also alpine sun lamp and 1 Sollux Hanovia lamp. Box 525 Arthur S. Dixon, Ltd., 229-231 High Holborn, W.C.1.

#### WANTED

8/6 for 36 words or less, 3d. for every additional word

BISMUTH CARB. 1 cwt. or less. Box 3/759 BISMUTH CARB. 1 cwt. or less. Box 3/759. GLYCERINE, B.P. or pale straw, in any quantities. Spot cash available. Box 3/706. GLYCERINE urgently required. Current price paid for small or large quantities. Box 3/709. GLYCERINE, B.P. required; high price paid. Nevelex. 265 Anlaby Rd., Hull. STEARIC ACID, triple pressed, any quantities. Spot cash available. Box 3/707. STEARIC ACID, triple or good quality double-pressed, required in large or small quantities. Offers to Box 3/710. STEARIC ACID, triple pressed, required in large

STEARIC ACID, triple pressed, required in large quantities. Box 3/711.

STEARIC ACID, triple pressed, required in large quantities. Box 147/850.

WANTED. Phenacetin, glycerine, required by

WANTED. Phenacetin, glycerine, required by manufacturing chemists. Offers to Box 2/307. WANTED. Lactose required, small and large quantities. by manufacturers. Box 3/775. WHITE PETROLEUM JELLY, triple pressed stearic acid and glycerine urgently required by manufacturer; good price paid. Box 3/712.

WE BUY all surplus chemicals; large or small WE BUY all surplus chemicals; large or small quantities. Please let our representative inspec your surplus goods. The Wax Trading Co., Avenue Works, Avenue Close, London. Phone Willesden 1456/7 and 2161.

URGENTLY REQUIRED. 2-oz. and 4-oz. bottles, medical flats or panels, cork or screw neck. State quantities and price to Box 3/763.

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Modern Fitments surplus to requirements, including Drug Runs, Chemists' Fittings and Showcases, Glass Counters, Mirrors, Tills, etc., and a large variety of Chrome Display Stands of all descriptions.

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COVERING A SITE AREA OF ABOUT 4 ACRES Providing ample space for extension of the Build. Providing ample space for extension of the Build-

Providing ample space for extension of the bundings.
VACANT POSSESSION ON COMPLETION OF PURCHASE
LEOPOLD FARMER & SONS will sell the above BY AUCTION at THE LONDON AUCTION MART. 155 OUEEN VICTORIA STREET. E.C.4, WEDNESDAY, 30th JUNE, 1948 at 2,30 p.m. (Unless previously disposed of Privately.)
PARTICULARS, PLAN AND CONDITIONS OF SALE may be obtained of Messrs. Cosmo Cran & Co., Solicitors, 164 Bishopsgate, E.C.2, and Leopold Farmer & Sons, Industrial Property Auctioneers & Surveyors, 46 Gresham St., London, E.C.2. Telephone Monarch 3422 (8 lines).

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PART USE of two City offices, unfurnished. No premium. Fair tecms. Box 3/790.

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AN APPLICATION has been lodged at the Registry of Trade Marks for the registration of the word "Cordet" as a trade mark in respect of cleaning, polishing, scouring and abrasive preparations. Any person having grounds for objection to such application is requested to give notice in writing to W. Kybert & Son. Ltd., Trade Mark Agents, 12 & 13 Portugal St., London, W.C.2.





Although cinchona bark itself was in use in Europe 300 years ago and crude concentrates of the active principle had been made, it was not until 1820 that the alkaloids quinine and cinchonine were first isolated by Pelletier and Caventou, who are so well-known for their work on the alkaloids generally.

In 1859, Thomas Whiffen commenced to prepare alkaloids in a factory at the bottom of the large garden of his house at Battersea, and quinine and its salts were among the first of his manufactures. No doubt that

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MAY 29, 1948



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